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1918/19

BULLETIN
BUENA VISTA COLLEGE
STORM LAKE, IOWA



CATALOGUE
1918-1919
ANNOUNCEMENTS
1919-1920

BUENA VISTA COLLEGE BULLETIN

Volume XXVIII Storm Lake, Iowa, April 29, 1919 Number 3

CATALOGUE

1918-1919

ANNOUNCEMENTS

1919-1920

TWENTY EIGHTH YEAR

Organized July 9, 1891

Opened September 15, 1891

Under the Direction of the Synod of Iowa Presbyterian Church in
the United States of America

JANUARY, 1919													FEBRUARY, 1919													MARCH, 1919																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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COLLEGE CALENDAR 1919-20

June 1919

June 3, Tuesday, 11:40 a. m.—Farewell Chapel Service.

June 4-6, Wednesday, Thursday, Friday—Examinations.

June 7, Saturday, 8 p. m.—Countermines Gold Medal Contest.

June 8, Sunday, 10:00 a. m.—Baccalaureate Sermon.

June 8, Sunday, 8 p. m.—Annual Sermon to Y. W. C. A. and Y. M. C. A.

June 9, Monday, 3 to 5 p. m.—Junior Recital (Music and Oratory.)

June 9, Monday, 8 p. m.—Recital.

June 10, Tuesday, 10 a. m.—Tree Day.

June 10, Tuesday, 2 to 3:30 p. m.—Alumni Meeting and Reunion.

June 10, Tuesday, 3:30 p. m.—President's Reception to Friends.

June 10, Tuesday, 8 p. m.—Alumni Banquet.

June 11, Wednesday, 10:30 a. m.—Commencement.

June 11, Wednesday, 8 p. m.—Grand Concert, Conclusion of Commencement Exercises.

FIRST SEMESTER

September, 1919

September 8, Monday—Entrance Examination and Registration.

September 9, Tuesday—Registration completed.

September 10, Wednesday, 10 a. m.—Opening Address. Instruction begins, 1 p. m.

September 10, Wednesday, 8 p. m.—Y. M. C. A. Reception to Men.

September 10, Wednesday, 8 p. m.—Y. W. C. A. Reception to Women.

September 12, Friday, 8 p. m.—Joint Reception of Franklin and Star Literary Societies to new students.

October

October 2, Thursday, 8 p. m.—Faculty Reception to students.

November

November 26, Wednesday, 12 m.—Thanksgiving Vacation begins.

December

December 1, Monday, 8 a. m.—Classes resume. Commercial Winter Term begins.

December 2, Tuesday, 8 p. m.—Franklin Grand Public.

December 9, Tuesday, 8 p. m.—Preliminary State Oratorical Contest.

December 19, Friday, 4:40 p. m.—Christmas Vacation begins.

January, 1920

January 5, Monday, 8 p. m.—Classes resume.

January 14, Wednesday—Re-enrollment of old students.

January 28, Wednesday, 8 a. m.—Semester Examinations begin.

January 30, Friday—Registration of new students.

SECOND SEMESTER

February

February 2, Monday, 8 p. m.—Instruction begins.

February 6, Friday, 8 p. m.—Inter-society debate.

February 19, Thursday—Day of Prayer for Colleges.

February 27, Friday, 8 p. m.—Intercollegiate Debate.

March

- March 2, Tuesday, 8 p. m.—Star Grand Public.
 March 9, Tuesday, 8 p. m.—Temperance Oratorical Contest.
 March 17, Wednesday—Women's Declamatory Contest.
 March 26, Friday, 4:40 p. m.—Spring Vacation begins.

April

- April 5, Monday, 8 a. m.—Spring Vacation ends. Instruction begins.
 Commercial spring term begins.

May

- May 1, Saturday—Y. W. C. A. supper.
 May 6, Thursday—May Festival.
 May 29, Saturday, 8 p. m.—Countermines Gold Medal Contest.

June

- June 1, Tuesday, 11:40 a. m.—Farewell Chapel Service.
 June 2-4, Wednesday, Thursday, Friday—Examinations.
 June 6, Sunday, 10:30 a. m.—Baccalaureate Sermon.
 June 6, Sunday, 8 p. m.—Annual Sermon to Y. W. C. A. and Y. M. C. A.
 June 7, Monday, 3 to 5 p. m.—Junior Recital (Music and Oratory).
 June 7, Monday, 8 p. m.—Recital.
 June 8, Tuesday, 10 a. m.—Tree Day.
 June 8, Tuesday, 2 to 3:30 p. m.—Alumni Meeting and Reunion.
 June 8, Tuesday, 3:30 p. m.—Reception to Friends.
 June 8, Tuesday, 8 p. m.—Alumni Banquet.
 June 9, Wednesday, 10:30 a. m.—Commencement.
 June 9, Wednesday, 8 p. m.—Grand Concert, Conclusion of Commencement Exercises.

BOARD OF TRUSTEES

1919

Stanton Olinger, Ph. D.	Storm Lake
Sen. W. S. Kenyon	Fort Dodge
Rev. Gilbert Voorhies, D. D.	Rockwell City
D. D. Carlton	Early
J. B. McKibben	Storm Lake
F. S. Needham	Sac City
Rev. Thomas A. Ambler, D. D.	Odebolt
M. W. Jones	Sac City
Rev. A. B. Thutt, D. D.	Cherokee
George W. Chaney	Newell

1920

W. L. Geisinger	Storm Lake
F. F. Faville, Esq.	Fort Dodge
J. T. Edson	Storm Lake
S. C. Bradford	Des Moines
George Angier	Storm Lake
L. E. Ballou, Jr.	Storm Lake
Robert Bleakly	Storm Lake
H. L. Hughes	Storm Lake
W. M. Storey, D. D. S.	Storm Lake

1921

Thomas Eyres	LeMars
John R. Bell	Storm Lake
James F. Toy	Sioux City
Geo. Steig	Storm Lake
Rev. H. Hostetler, D. D.	California Junction
Chas. H. J. Mitchell	Storm Lake
J. H. La Grange	Storm Lake
W. C. Edson, Esq.	Storm Lake
Rev. Wm. M. Hamilton, D. D.	Sioux City

1922

Rev. A. Z. McGogney, D. D. -----	Le Mars
W. P. Manley -----	Sioux City
Hon. A. D. Bailie -----	Storm Lake
S. A. Ensign (deceased) -----	Storm Lake
Judge Wm. Hutchinson -----	Alton
Guy E. Mack -----	Storm Lake
Rev. C. G. Butler, D. D. -----	Sac City
W. C. Kennedy -----	Rolfe
A. R. Browne -----	Alta

Officers of the Board

W. C. Edson -----	President
W. L. Geisinger -----	Vice President
Guy E. Mack -----	Treasurer
Dr. W. M. Storey -----	Secretary

Committees of the Board

- Executive Committee: Dr. Stanton Olinger, L. E. Ballou, Jr., Geo. Angier, S. A. Ensign (deceased), Guy E. Mack, W. L. Geisinger, Geo. W. Chaney, Dr. W. M. Storey.
- Auditing Committee: A. D. Bailie, Chairman; J. B. McKibben, M. W. Jones.
- Loan Committee: J. T. Edson, Chairman; W. L. Geisinger, J. H. La Grange.
- Purchasing Committee: Geo. S. Angier, Guy E. Mack, S. Olinger.
- Superintendent of Buildings and Grounds: Geo. S. Angier.

THE FACULTY

STANTON OLINGER, A. B., B. D., M. A., Ph. D., President

Professor of Sociology and Business Administration

A. B. Kansas State University, 1895; B. D. Princeton Theological Seminary, 1904; M. A. Kansas State University 1913; Ph. D. *ibid* 1916; Westminster Bible Chair, Kansas State University 1911-1917; Buena Vista College, 1918.

REV. J. W. PARKHILL, A. B., A. M., D. D.

Vice President and Field Secretary

Graduate, Princeton, 1880, A. B.; Graduate Princeton Theol. Sem., 1883, A. M., Princeton, 1883; D. D. Lenox College, 1907; Professor of Classics, Occidental College, 1889-97; Vice pres. *ibid*; Professor Classics, Lenox College, 1906-15, Dean *ibid*.; Buena Vista College, 1915.

REV. GEO. H. FRACKER, A. M., D. D.

Professor of Latin, Greek, and Bible

Graduate Wooster University, 1878; A. M. *ibid*, 1881; instructor in private academy Dell Roy, Ohio, 1878-9; Professor Jefferson Academy, Canonsburg, Pa. 1879-80; Western Theological Seminary, 1880-1; Professor South Kentucky College, 1881-2; Union Theological Seminary, 1882-3; Graduate Princeton Theological Seminary, 1884; Nelson Academy work, 1884-5; Professor Latin and Greek, Buena Vista College, 1891-1903; D. D., Wooster, 1906; Professor German and French 1903-18; Professor Spanish and Bible Study, 1918-19.

ALICE EMILY WILCOX, A. B.

Professor of English and Dean of Women

Graduate of Oswego Normal School, Oswego, N. Y.; A teacher in the public schools of New York state; A. B. University of Michigan 1902; Graduate student University of Wisconsin summer of 1908, 1909, 1910; Graduate student University of Michigan, summer of 1912; Principal of Normal Department of Buena Vista College, 1902; Professor of English *ibid*. 1903.

MARGARET C. HARRISON, A. M.

Professor of Education and Psychology

Buena Vista College, A. B., 1905; University of Iowa, A. M. 1906; Instructor in German, Coe College, 1906-1907; Graduate work, University of Iowa, 1907-1908; 1910-1911; Professor of Education, Buena Vista College, 1908-1914; 1918-1919.

ROBERT HILLS KINGMAN, A. B., A. M.

Professor of Biology

Washburn College, 1913; instructor Park College, Parkville, Mo., 1913-15; A. M. University of Illinois, 1917; Assistant instructor, Zoology department of University of Illinois, 1915-17; Professor of Biology Buena Vista College, 1917.

ELMER R. STAHL, A. M.

Professor of Mathematics

Graduate of Gem City Business College, Quincy, Illinois; graduate of Illinois State Normal University, Normal, Illinois; teacher in rural schools, 1906-08; A. B., University of Illinois, 1910; A. M., ibid, 1911; Mathematics and History, Cairo, Illinois, 1911-1913; Mathematics and History, Centralia, Illinois, 1913-14; Buena Vista College, 1914.

EDITH K. COOKE, B. S.

Registrar, Librarian

B. S., Coe College, 1909; High School work, 1909-1912; graduate student University of California, summer 1912; Buena Vista College 1912; Library School, State University of Iowa, summer 1916.

HARRIET BANGHART, B. Sc.

Professor of Chemistry

B. Sc. University of Nebraska, 1900. For three years Instructor in General, Qualitative and Organic Chemistry, U. of N. Member of Nebraska Chemical Society. Two years head of Science Department High School, Plattsmouth, Nebr., Principal Normal Training Department, York College, York, Nebraska, 1913-14. Principal Lincoln School and assistant in Normal Training School, 1914-15-16, York, Nebraska. Professor of Chemistry, Buena Vista College, 1918.

J. J. YOST, A. B., A. M., S. T. B.

Professor of History and Political Science

Student Michigan State Normal College; A. B. Albion College; Diploma Garret; Biblical Institute of Northwestern University; S. T. B., A. M., Boston University; Graduate Student, University of Chicago, summer 1914; Graduate Student, State University of Iowa, 1916-18; Buena Vista College 1918.

FLORA BENEDICT, A. B., A. M.**Professor of French and Spanish**

A. B. and A. M., Marietta College, 1908-9; Student Berlin University, 1909-11. Private lessons Berlin, Switzerland, Paris, 1909-1912; Marietta High School, French and German, 1912-15; State University of Wisconsin, summer 1914; State University of California, summer 1915. Bethel College, Newton, Kansas, 1915-16; Missouri Christian College, 1916-18; State University of Colorado, summer 1918. Buena Vista College, 1918.

MARY S. SATERLIE, B. S. in H. Ec.**Professor of Home Economics.**

Graduate of Iowa State College, B. S. in H. Ec. 1911; High School, Harlan, Iowa, 1912-13; Staples, Minn., 1913-15; Sheldon, Iowa, 1915-17; Cafeteria Cedar Falls Summer Session, Sheldon, Iowa, Summer 1917; Instructor, Cedar Falls Summer Session, Denison, Iowa, 1918; Buena Vista College, 1918.

FLORENCE SWISHER, B. L., M. A.**Professor of Oratory.**

B. L. Ohio Wesleyan University 1905; M. A., Ohio State University 1915. Ohio Wesleyan School of Oratory, three years. Special work Chicago University summer 1917. Teaching experience—English and public speaking Galion High school, Galion, Ohio, five years. Public speaking and English literature, Ashland high school, Ashland, Ohio, one year. Special teacher of reading, Delaware public schools, Delaware, Ohio, one year. Public speaking and English literature, Fremont high school, Fremont, Ohio, one year. Buena Vista College, 1918.

HAROLD F. MILLER, B. S. A. H.**Professor of Physics and Agriculture.**

B. S. A. H. Ames 1915; Storm Lake High School, 1915-1918; Instructor in Physics in radio school in U. S. Naval Training station, Great Lakes, Ill., 1918. Buena Vista College, 1919.

FRED W. WIMBERLEY**Department of Music.**

Studied under the following renowned artists: W. P. Day, W. P. Nutting, Emma Wilkins-Guttman, Adolph Koelling, Dr. Louis Falk, Victor Garwood, Genevieve Clark-Wilson, W. S. B. Matthews, Karl M. Reckzezh, and M. Krause. Graduate from the Chicago Musical College and took Post-Graduate work at the American Conservatory and in Berlin, Germany.

Chicago Piano College, 1893-98; Private Studio, Waterloo, Ia., 1898-1906; Director, Atchinson County High School, Effingham, Kansas, 1906; Director Christian University, Waco, Texas, 1907-1909; Director Jamestown College, Jamestown, North Dakota, 1909-1914; Buena Vista College Director, 1914. Pipe organist and music director, First Baptist church, Sioux City.

W. A. ABERNATHY, B. C. S.

Principal Commercial Department.

Mr. Abernathy has had a teaching experience of 12 years, including public and business school work. For five years he was principal of the Shorthand Department of Scranton-Lackawanna Business College, Scranton, Pa.; five years in Williamsport High School Commercial; two years in the Allentown Business College, Pa.; Buena Vista College, 1915.

MRS. GERTRUDE ABERNATHY, B. L.

Assistant, Commercial Department.

B. L. Allentown College for Women, 1901; American Business College, Allentown, Pa., 1907. Mrs. Gertrude Abernathy, instructor in Shorthand Department, has had charge of the advanced shorthand, typewriting, and English in the Scranton-Lackawanna Business College, Scranton, Pa., for five years. Buena Vista College, 1915.

CAPT. ROBT. J. SHAW

Infantry, U. S. Army; Commandant, S. A. T. C.

B. A. University of Iowa, 1916; Law College, University of Iowa, 1915-1916; Law College, University of Chicago, 1916-1917; assigned to 40th Infantry, U. S. Army, November 27, 1917; senior instructor, Co. "II", R. O. T. C. and S. A. T. C., Fort Sheridan May-September, 1918; commanding officer, S. A. T. C., Buena Vista, October-December, 1918.

Assistants

English—Dewey Deal.

Library—Esther Aitken, Joyce Wahl.

Chemistry—Ruth Meighen.

Physics—Marie Doxsee.

Faculty Committees

Curriculum and Studies—Olinger, Parkhill, Fracker, Yost, Stahl, Benedict.

Enrollment—Wilcox, Abernathy, Fracker, Mrs. Abernathy, Cooke, Stahl.

Public Events—Swisher, Stahl, Saterlie, Mrs. Abernathy.

Publication—Olinger, Parkhill, Yost, Wimberley.

Athletics—Stahl, Abernathy.

Chapel Exercises—Yost, Fracker, Swisher, Saterlie.

Oratory and Debates—Swisher, Saterlie, Parkhill.

Literary Societies—Swisher, Saterlie, Yost, Kingman.

Library—Cooke, Benedict, Yost, Harrison.

Administrative—Miller, Cooke, Mrs. Abernathy.

Class Advisers

Senior Class—Dr. George H. Fracker.
Junior Class—Miss Edith K. Cooke.
Sophomore Class—Mr. Elmer R. Stahl.
Freshman—Miss Alice E. Wilcox.
Commercial—Mr. W. A. Abernathy.

ADMINISTRATIVE OFFICERS

President

REV. STANTON OLINGER, Ph. D.

Vice President

REV. J. W. PARKHILL, A. M., D. D.

Secretary of the Faculty and Registrar

EDITH K. COOKE, B. S.

Dean of Women

ALICE E. WILCOX, A. B.

Business Manager

GEORGE B. EGINTON

BUENA VISTA COLLEGE HISTORY

The history of Buena Vista College is unique. The leading men of the Presbyterian church in the northwest Iowa of twenty-seven years ago realized that the grouping of educational institutions in the southern and eastern parts of the state left a vast unoccupied field in the center of what was destined to be a fine part of the state and supplied a location where a Christian college could be planted and made accessible to thousands of young men and women. A joint commission of twelve men, chosen by the Fort Dodge and Sioux City presbyteries, met at Storm Lake, July 8, 1891, and completed the organization and incorporation of the college on July 9. The Synod of Iowa, in regular session at Boone, October, 1891, unanimously adopted the college as its own and elected the board of trustees to whom was entrusted the control of its property and the management of its interests. Today the college stands in the center of a large territory, in which there is no other Presbyterian institution, and but one other college doing accredited work. Buena Vista was founded in faith and hope. It has been built by the heroic self sacrifice of devout and devoted men and women who believed thoroughly in the broad culture of Christian education. With prophetic vision they viewed the splendid opportunity of usefulness which the Christian college in this field furnished to the church.

Already there has been a net attendance of more than 4,000.

From the beginning young men and young women have been received on equal footing. The members of the faculty are consecrated Christian men and women who seek to maintain a wholesome moral and religious atmosphere. Students find those of all faiths in attendance and a number of de-

nominations represented on the faculty. Denominational preferences are in no way molested.

Location

The college is situated on high ground overlooking a beautiful lake five miles long and two miles wide. Storm Lake is noted for its beautiful dwellings, its wide, clean, well shaded streets, its lakeside parks, and its Christian homes and churches.

It is an ideal location for a college and an ideal place in which to spend four years of college life.

The city itself is of exceptionally high moral tone and draws many families who wish to locate where there are good educational advantages for their children. It is of easy access from the north, south, east, and west.

It is the ambition of Storm Lake to be a religious and educational center and this purpose is kept in view by the leading men of the city who appreciate the opportunities provided by the college and also the attractiveness of the city for people of culture and intelligence who are seeking a desirable location for permanent residence.

Purpose

The purpose of the college is to furnish opportunity for a thorough education in the various departments of the college. A classical education is encouraged as that which is tested and time honored; special attention is also given to thorough instruction in the sciences, in philosophy, and in English. Latitude is given for these courses by the group system. The trustees desire to provide, in addition to the regular college course, the best opportunities for training in music, art, oratory, home economics, commerce, and agriculture. Since there is a call for these, it is held that the church should furnish opportunity for training in these departments in the atmosphere of the Christian college. It is

the purpose of the college to make the work as individualistic as possible, to maintain an inspiring college life, and to develop cultured, forceful, upright men and women who shall successfully perform life's tasks. This institution firmly believes that a college consists not in its buildings, equipment, or endowment alone, but in the vital mental and moral qualities and life of its faculty and student body.

Buildings and Grounds

The Main College Building is a good, substantial three story brick structure, trimmed with cut stone, which contains recitation rooms, offices, library, laboratories, Y. M. C. A. and Y. W. C. A. rooms, literary halls, and assembly room.

The Miller-Stuart House was presented by Rev. William Miller of Des Moines and Mrs. Lois Stuart of Audubon for the use of the president of the institution. It is a valuable property and makes a comfortable, modern home.

Mather Hall is the musical conservatory. The conservatory became the property of the college through the generosity of Mrs. Flora S. Mather of Cleveland, Ohio. It contains eleven rooms, is well suited to the purpose for which it is used, and is equipped for doing thorough work in this department.

Bradford Field. On the lake shore lies the Bradford Athletic Field. Its location is beautiful and offers a splendid opening for baseball and football. A large amphitheatre has been erected at one end.

The college campus, enlarged by the addition of twenty-one lots, the gift of Mr. S. C. Bradford of Des Moines, gives the college a prospect of ultimately owning the entire property between the old college campus and the lake shore. When this property is finally secured as a campus it will be one of the most attractive college properties in the state.

Library

The library has over ten thousand volumes, catalogued and arranged according to the Dewey system of classification, and six hundred bound and catalogued pamphlets. The care that has been exercised in selecting books has resulted in a "good working library." The collection includes some eight hundred bound volumes of leading periodicals which are of value through the aid of the "Reader's Guide to Periodical Literature." Magazine files are being completed as rapidly as possible.

The Library is well supplied with daily and weekly papers, current magazines, literary reviews, and scientific journals. During the past twelve months three hundred and fifty volumes have been added besides numerous pamphlets of value concerning the European war.

The rooms are open throughout the day while college is in session and on Monday, Tuesday, Wednesday and Thursday evenings from seven to nine. Books may be withdrawn by complying with the necessary regulations.

Students also have access to the Storm Lake Public Library.

Book Store

A book store is maintained on the first floor of the Main Building where students may secure text books, notebooks, stationery, and college souvenirs.

Museum

The first collection for the museum was made by Rev. R. E. Flickinger, who arranged and classified the material.

Every professor in charge since has been intent on adding as large a variety of material as possible. It now in-

cludes many mounted specimens of the fauna and flora of this region, and a scattering number from other regions and also some marine species. It has a good assortment of rocks for the study of mineralogy and geology.

A collection of fossils, shells, and rocks from various parts of the shores of England was donated by Miss Isabelle Cowan, of Windom, Minnesota.

About one hundred and fifty specimens of marine invertebrates have been added recently. These are used in the study of Biology. The Museum needs further additions and a place in which to display them. Persons who have mineral, fossil, or biological specimens or articles of historic value, should favor the college and future generations of students by placing them where they will be perennially useful. Correspondence is solicited. Shipments of material may be made at any time.

In 1918 an interesting collection of Indian relics, crystals and minerals, was presented to the college by Mr. F. F. Faville, together with an Herbarium.

During the same year Mrs. D. Williams presented her valuable collection of shells, minerals, crystals, fossils, and Indian relics to the college. This has proved very helpful in the Biology department this year.

A fine specimen of Golden Eagle has been mounted and makes a valuable addition to the Museum.

Endowment

In 1918 an endowment of \$200,000 was secured, the interest of which goes to support the school.

WAR TIME RECORD

Our war record is one of which we may well be proud. Buena Vista has done her full share in this, and has made our motto "Education for Service" seem more real to everyone.

The list which follows is as complete as it has been possible to make it to date. Only brief mention is made here of those who have served our country in this war but it is planned to publish a military history of Buena Vista College as soon as possible which will contain more detailed information.

- Lieut. Wm. G. Aitken, B. V. 1913-16.
M. G. Co., 26th U. S. Inf. Amer. E. F.
- Sgt. Donald Ambler, B. V. 1915-18.
Hqt. Attachment, 4th Repl. Regt. Camp Gordon.
- Robert Baile, B. V. 1913.
O. T. C. Camp Humphreys, Va.
- Harvey Barnard, B. V. 1913-14.
147th Field Artillery, Amer. E. F.
- Robert S. Beatty, B. V. 1915-16.
First Class Quartermaster, U. S. S. Lake Francis.
- Jay Boslough, B. V. 1911-17.
Second Class Yeoman, Bayrick, N. Y.
- George Brandt, B. V. 1915-17.
First Co. Military Police, 88th Division, Amer. E. F.
- Bernice Bradford, B. V. 1908-09.
Aero Division, San Antonio, Texas.
- Zenos Bradford, B. V. 1913-14.
Rammer on the U. S. S. United States of Columbia.
- Lieut. Stewart Brown, B. V. 1914-18.
5th Cadet Sqdrn. Ellington Field, Houston, Texas.
- George Burmeister, B. V. 1914-18.
Hospital Corps, Camp Perry, Great Lakes Naval Station.
- Ray Canady, B. V. 1916-17.
Co. L., 13th Regt. Marines, Amer. E. F.
- John R. Carey, B. V. 1915-16.
Co. C., 326th Battalion, Tank Corps, Amer. E. F.
- Murl Carlton, B. V. 1909-13.
Camp Dodge.
- Sgt. Gerald W. Chaney, B. V. 1913-14.
4th Platoon, Camp Gordon.

- Lieut. Lyell Chapman, B. V. 1907-08.
Co. M. 126th Inf., Amer. E. F.
- Sgt. Harley Claus, B. V. 1913-17.
Co. A. 350th Inf., Amer. E. F.
- Edward G. Crouch, B. V. 1912-18.
Co. O. 3rd Bn. C. W. S. Edgewood Arsenal, Md.
- Lieut. J. Emmons Crouch, B. V. 1909-14.
Battery C. 2nd Battalion, 1st Brigade, Field Artillery, Amer. E. F.
- Lieut. Lloyd Crouch, B. V. 1907-12.
Co. L. 163rd Depot Brigade, Camp Dodge.
- Logan Crouch, B. V. 1914-17.
Casual Co. C. Tank Corps, Amer. E. F.
- Justice Crowley, B. V. 1906-16.
88th Division, Amer. E. F.
- Lloyd Cunningham, B. V. 1913-14.
Signal Corps, Amer. E. F.
- Ralph Dagger, B. V. 1917.
Field Hospital Corps, Amer. E. F.
- Edward Danielson, B. V. 1912-14.
U. S. Navy, Torpedo Boat, Charleston.
- Ensign Lael DeLand, B. V. 1915-16.
U. S. S. Ophir.
- Clinton Diehl, B. V. 1912-13.
Quartermaster's Dept. Camp Fremont, Cal., O. T. C., Camp McArthur, Texas.
- George Diehl, B. V. 1915-17.
A. P. O. 717 Tours, France, Amer. E. F.
- Merrill Drury, B. V. 1914-18.
Sanitation Corps, New Haven, Conn.
- Paul Eshbaugh, B. V. 1909-12.
Co. B. Hdq. Train. M. P., Amer. E. F.
- Everett Evans, B. V. 1914-15.
U. S. S. Carola, Brest, France.
- Earl Ferguson, B. V. 1909-10.
Camp McArthur, Texas.
- Clarence Foster, B. V. 1912-13.
Camp Hancock, Ga.
- Lieut. John Fulton, B. V. 1915-17.
Paris Island, South Carolina.
- Walter Gabriel, B. V. 1915-16.
Enlisted in wireless branch of service in the National Guards.
- Lieut. Floyd Gilliland, B. V. 1914-15.
Co. E. 350th Infantry, Amer. E. F.
- Sgt. Denton Gregg, B. V. 1912-13.
Rainbow Division, Amer. E. F.
- Dr. J. Eric Gustafson, B. V. 1908-09.
Medical Corps.

- Willis Heald, B. V. 1914-15.
U. S. Marines, Virgin Is., West Indies.
- Peder Hage, B. V. 1906-07.
O. T. C. Camp Taylor, Louisville, Ky.
- Bn. Sgt. Maj. Harvey Hood,
350th Infantry, Amer. E. F.
- Seth Hovey, B. V. 1910-14.
Fort Riley, Kansas.
- Corp. Wilbur Hughes, B. V. 1915-16.
Co. B., 109th Am. Train., Amer. E. F.
- William Hughes, B. V. 1914-15.
Camp Jackson, Columbia, S. C.
- Clifford Inman, B. V. 1916-17.
Great Lakes Naval Station.
- Chris Jensen, B. V. 1912-14.
Regimental Band, Ft. Douglas, Utah.
- Floyd Jensen, B. V. 1917-18.
Field Hospital Corps, Amer. E. F.
- Lieut. Arthur Johnson, B. V. 1914-16.
Hdq. Co. 302nd Bn. Tank Corps, Amer. E. F.
- Leon Johnson, B. V. 1911-14.
Great Lakes Naval Station.
- Corp. Mahlon Johnson, B. V. 1918.
Co. D. 351st Infantry, Amer. E. F.
- Lieut. Jas. D. Kelly, B. V. 1914-15.
Co. C., 214th Engineers, Camp Custer, Mich.
- Tilford Knudson, B. V. 1913-15.
Camp Dodge.
- Harold Lancaster, B. V. 1915-16.
Tank Corps, Gettysburg, Pa.
- Harold Lindsay, B. V. 1917-18.
Supply Dept. U. S. Navy, Eastleigh, England.
- Captain Ira Lockwood, B. V. 1903-04.
Medical Corps, Amer. E. F.
- Lawrence Loots, B. V. 1913-15.
Place of service not known.
- Ralph Lovesee, B. V. 1910-11.
Place of service not known.
- Clarence McPherson, B. V. 1915-17.
Camp Hdq., Camp Gordon, Ga.
- Lieut. Burt Mack, B. V. 1904-05.
Chemical Warfare Service, Edgewood Arsenal, Md.
- Major Frank Mack, B. V. 1901-02.
U. S. Filling Station, Magnolia, Md.
- Lyle Mantor, B. V. 1913-14.
Camp Grant, Ill.

- Edmund Marousek, B. V. 1913-18.
 Balloon Camp, Camp John Wise, San Antonio, Texas.
- Lieut. Elmer Marten, B. V. 1906-07.
 Camp Shelby, Miss.
- Sgt. Ralph Marten, B. V. 1914-1918.
 Recuperated Hospital, U. S. A., General Hospital 21, Denver, Colo.
- Roland Marten, B. V. 1915-16.
 Band, Great Lakes Naval Station.
- Romaine Mortenson, B. V. 1911-13.
 Rainbow Division, Amer. E. F.
- Corp. John Mattison, B. V. 1914-15.
 Co. L, 4th Replacement Regiment, Camp Gordon, Ga.
- Ray Mattison, B. V. 1906-10.
 Co. E. 313th Engineers, Amer. E. F.
- Edward Mernin, B. V. 1911-12.
 Co. D, Hdq. Dept., Camp Gordon.
- Lieut. George E. Melody, B. V. 1909-10.
 306th Cavalry, Fort Clark, Texas.
- Wayne Meyers, B. V. 1912-13.
 U. S. Navy, Municipal Pier, Chicago.
- Earl Moore, B. V. 1916-17.
 127th Machine Gun Bn., Amer. E. F.
- Burt Newton, B. V. 1913-14.
 Medical Corps.
- Thaddeus Olsen, B. V. 1917-18.
 Field Hospital Corps, Amer. E. F.
- Lieut. John Parkhill, B. V. 1915-18.
 Eberts Field, Lonoke, Ark.
- Sgt. John Pendleton, B. V. 1912-13.
 Camp Lee, Virginia.
- Eric Perkins, B. V. 1916-17.
 313 Mobile Laundry Unit, Amer. E. F.
- Philip Planalp, B. V. 1911-12.
 Engineering Div. Detachment, Camp Ranton, Mentucher, N. J.
- Lieut. Earl Recknor, B. V. 1912-13.
 Co. L. 304th Inf., Amer. E. F.
- Manson Redenbaugh, B. V. 1916-18.
 Co. R. 116th Engineers, Amer. E. F.
- Sgt. Basil Rice, B. V. 1916-17, 1918-19.
 Co. A., 383th Inf., Camp Wadsworth, S. C.
- Mus. Arthur Riedesel, B. V. 1915-18.
 Regt. Band, Co. F., 318th Eng., Amer. E. F.
- Clifford Rigdon, B. V. 1917-18.
 Caldwell, N. J. Rifle Range.
- Lieut. Hugh Rosson, B. V. 1912-13.
 S. A. T. C. Inspector in New York.

- Edward Rust, B. V. 1907-13.
Medical Corps, Army of Occupation, Treves, Germany.
- George Scott, B. V. 1913-15.
9th Co. Aviation Corps, Ft. Logan, Colo.
- Corp. Aubrey Shaull, B. V. 1914-16.
Co. B, 109 Am. Train, Camp H. Sulpice, France.
- J. Kenneth Shaull, B. V. 1907-16.
Co. C., 4th Replacement Regt. Camp Gordon, Ga.
- Chester Sheley, B. V. 1906-09.
350th Field Hospital, Amer. E. F.
- Hayden Sisson, B. V. 1907-08.
Co. J. 139th Inf., Amer. E. F.
- Sidney Slagle, B. V. 1915-16.
Great Lakes Naval Station.
- Lieut. Elden Smith, B. V. 1911-14.
O. T. C. Camp Zachary Taylor, Kentucky.
- Lieut. Kenneth Smith, B. V. 1912-13.
Camp Humphreys, Va.
- Captain Joseph Sohm, B. V. 1912-16.
Instructor School of Fire, Fort Sill, Okla.
- Herbert Sparr, B. V. 1916-17.
U. S. Navy.
- Corp. Ralph Stock, B. V. 1913-16.
Co. F., 433d Motor Supply Train, M. H. C., Fort Sheridan, Ill.
- Marion Strawn, B. V. 1911-15.
Artillery Repair Truck, 111 Ammunition Train, Amer. E. F.
- Francis Stringer, B. V. 1915-16.
U. S. Navy.
- Lieut. Ilo Taylor, B. V. 1905-06.
305th Regt. Camp Lee, Va. Died Jan. 26, 1918.
- Lieut. Eilet Torkelson, B. V. 1914-17.
190th Aero Squadron, Langley Field, Hampton, Va.
- Lieut. Cecil Troeger, B. V. 1915-16.
35th Division, Amer. E. F.
- Claude Typper, B. V. 1913-14.
Camp Upton, N. Y.
- Lieut. Charles Unger, B. V. 1908-12.
1st Lieut. Art., Camp Sill, Okla.
- Lieut. Halfred Warren, B. V. 1907-08.
Base Hospital, Harrisburg, Miss.
- Rolla Weaklen, B. V. 1916-17.
Amer. E. F.
- Sgt. Ross White, B. V. 1909-13.
Co. B. 212th Eng. Camp Devons, Mass.
- Zeno White, B. V. 1910-14.
Hdq. Co. 337th Field Art. Amer. E. F.

Frank Wilfong, B. V. 1911-12.

Amer. E. F.

Henry Wright, B. V. 1912-14.

Co. A. 127th Machine Gun Bn. Amer. E. F.

Sgt. Lester Yerrington, B. V. 1916-17.

Hospital Corps, Jefferson Barracks, Mo.

STUDENTS' ARMY TRAINING CORPS

On October 11, 1918, 96 men of the S. A. T. C. were inducted into the service of the government at Buena Vista College. The following is the roll of the company:

Officers

Capt. Robert Shaw, Commanding.

Lieut. Orrin Letson.

Lieut. Ethan Norton.

Lieut. Edward Edwards.

First Sergeant—Ned E. Dahl.

Supply Sergeant—Earl Brown.

Mess Sergeant—Harry Gunnarson.

Corporals:—

Fred Porath.

Floyd Albert.

Elmer Nelson.

Faber Dopp.

Herbert Plagman.

Paul Lindsay.

Ray Jardine.

Lester Mason.

Marion Heth.

Leo Mooney.

Eli Parry.

Max Littlefield.

George Augustson	-----	Primghar
Floyd Albert	-----	Primghar
Wendell Bailey	-----	Royal
Forrest Barnes	-----	Cherokee
Lester E. Baskerville	-----	Fonda
Ralph Benson	-----	Primghar

Eugene Boettcher	Truesdale
Aaron Brandvold	Rembrandt
Jothan Bristol	Marathon
Forrest Breyfogle	Alta
Earl Brown	Laurens
Vernon Buehler	Odebolt
Joseph Carlson	Odebolt
Julian Cheney	Newell
Raymond Christopher	Storm Lake
Henry Cook	Mapleton
Franz Copeland	Nodaway
Leo Cosgrove	Meridan
Herman Cox	Alta
Ned Dahl	Alta
Louis Denison	Battle Creek
Martin Dilworth	Fonda
Faber Dopp	Fort Dodge
Kenneth Dunlap	Jefferson
Clair Doan	Webb
Steven DeVries	Gaza
Wm. Dubois	Sioux Rapids
Henry Ducommun	Marcus
Henry Edge	Havelock
David Evans	Linn Grove
Fay Evans	Early
Russel Edwards	Storm Lake
Raymond Finders	Lake View
Arthur Firth	Wall Lake
Maurice Geary	Marathon
Randall Gottschalk,	Cherokee
Walter Grey	Albert City
Harry Gunnarson	Peterson
Cyril Gunther	Fort Dodge
Zeno Hammen	Jolley
Lloyd Haroldson	Rembrandt
Chester Harris	Rolfe
Raymond Heard	Marathon
Elmer Heathman	Havelock
Marion Heth	Carnarvon
Allen Higgins	Storm Lake
Merle Hines	Newell
John Jacobson	Marathon

Charles Jardine	Jolley
Robert Jardine	Jolley
Julian Jensen	Newell
Seigfred Johnson	Sioux Rapids
Evan Jones	Hospers
Raymond Jones	Sioux Rapids
Clarence Kearney	Fort Dodge
William Kelley	Fonda
Howard Kepner	Spirit Lake
Gerhardt Knudson	Newell
Lambert Larson	Alta
Marion Latta	Sioux Rapids
Max Littlefield	Cherokee
Elwin Lindlief	Alta
Paul Lindsay	Marcus
John Marshall	Battle Creek
Lester Mason	Primghar
Henrik Matson	Alta
Dewitt May	Lake Park
Frank May	Storm Lake
Irving McCarty	Fort Dodge
Leo Mooney	Fort Dodge
Elmer Nelson	Spencer
Karl Nicholas	Lake Park
Carl Olin	Cherokee
Laverne Olney	Odebolt
Eli Parry	Primghar
Leonard Peterson	Alta
Irving Phipps	Sioux Rapids
Herbert Plagman	Peterson
Fred Porath	Newell
Floyd Reese	Linn Grove
Arthur Reese	Linn Grove
Wilmer Reichardt	Nodaway
Beryl Rice	Storm Lake
Homer Roberts	Spencer
Thomas Robinson	Wall Lake
Clarke Stamper	Danbury
Harry Toms	Fort Dodge
Roy Van Cleve	Storm Lake
Ray Waldhelm	Primghar
Cecil Waldron	Rembrandt

Glenn Warren	Cherokee
Harold Whealen	Storm Lake
Donald White	Storm Lake
Fred Wilkins	Sioux City
John Wooster	Mapleton
Ray Witthauer	Storm Lake

LABORATORIES

Biology

The biological department occupies two rooms on the first floor of the main building. One room is used as a lecture room and a portion of the museum is exhibited here. The room is fitted especially for the use of the projection apparatus. The second room is well lighted from two sides and well adapted for microscopic work. The present equipment affords excellent facilities for undergraduate work in the science. A locker is provided for each student and the laboratory is well equipped with microscopes and instruments, so that the students may do individual work.

The equipment includes on the one hand a stereopticon with microscopic projection apparatus, with five hundred well selected lantern slides on biological subjects, also a large number and variety of microscopic slides that will cover every phase of biological science. On the other hand there are such apparatus as the microtome, camera lucida, autoclav, incubators, hot air sterilizer, paraffin bath, etc., so that a thorough and complete course may be given in both microscopic technique and bacteriology. The department is equipped with an excellent supply of stains for histological work.

The museum in connection with the laboratory affords abundant and valuable material for work, while the contiguous region, including the lake, teems with forms of life offering unusual opportunity for biological research.

Agricultural Laboratory

This laboratory is in connection with the chemistry department and occupies well lighted rooms. These are equipped with typical soils, seeds and apparatus in general required for testing agricultural products. Complete equipment is present for the accurate determination of soil constituents and new modern apparatus is installed rendering big aids to the agriculturists of today. Interpretation of soil results is thoroughly gone into and the treatment of soils so analyzed will be discussed.

Chemistry Laboratory

The department of Chemistry occupies a lecture room and well lighted laboratories, capable of providing instruction for about fifty people.

The quantitative laboratory has been equipped with new chainomatic balances and several hundred dollars worth of new platinum ware has been added. The entire laboratories have been refinished and brought to the ultra limit of present day equipment. New and modern books on chemistry have been added to the department and numerous magazines along the subject are regularly taken.

Home Economics

This laboratory is located on the lower floor of the college building and is equipped with new style apparatus. Electrical appliances are made use of and in this place the student becomes familiar with new ways of home making. Practical instruction throughout is given and actual experience in the science and art of Home Making is open to classes of this department.

Physics Laboratory

This laboratory is well lighted and equipped to accommodate several students. Complete equipment for carrying on work in Mechanics, Heat, Electricity, Sound and Light. New apparatus for determining the value of "g" has been installed. New and modern balances of the chainomatic type are at the disposal of students. The laboratory has been equipped with light proof shades rendering it an ideal place to carry on experiments in the properties of light.

STUDENT ORGANIZATIONS

Buena Vista College seeks by various means to promote the moral and religious welfare of its students while giving them the best intellectual training. The officers and instructors of the college strive constantly to impress upon the students the importance of seeking first the Kingdom of God. Because of the friendly relationship existing between the faculty and the student body, a healthy religious life has developed. All students are required to attend the devotional chapel exercises on each recitation day and some place of worship on the Sabbath. There are a number of Bible classes organized among the students, some taught by students, and some by members of the faculty, while a large percentage of the students are members of some one of the Sabbath schools of Storm Lake.

There is a strong, active Y. M. C. A. carried on by the young men who hold their regular prayer meeting on Wednesday. There is also a large Y. W. C. A. carried on by the young ladies, meeting on Wednesday. These associations have their own well furnished rooms in the main college building. Representatives of these organizations meet new students at the opening of the term and young people coming to the college for the first time receive cordial greetings

from the members who are always glad to furnish any information required and to render any other aid possible in making the life of the new student pleasant. Many young people through the work done in these organizations have come to appreciate the responsibility of Christian culture in college life. Each organization holds a reception at the opening of the college year.

Student Volunteer Band

An organization of student volunteers conducts courses in mission study and stimulates active Christian work in connection with the various churches of the city.

Alumni Association

The students who have completed the work required in the different departments of the college have formed themselves into the Alumni Association. This association is already making itself felt through its loyalty to, and work for the college. The annual meeting is held during commencement week and it has come to be a custom for the Alumni and students to hold a picnic at Storm Lake during the Chautauqua season.

Oratorical Association

This organization is maintained to create an interest among the students in public speaking, to conduct the preliminary for the contest in the State Oratorical Association, to which the college belongs, and to coach the representatives of these departments for their contests.

Literary Societies

Two Literary Societies are maintained by the student body, the Franklin and the Star. These are organized for the purpose of literary culture, skill in debate, oratory, reading, writing, and parliamentary practice. Mr. Lester Schuldts of the Freshman class represented Buena Vista at

the Divisional contest at Sioux City, February 7, 1919, placing on the final, and representing us at the State contest held at Coe College, Cedar Rapids, March 7, 1919.

Debates

The annual Inter-Society debate has come to be a prominent feature of the college life. A friendly rivalry has existed between the two societies for the possession of a trophy cup. Last year the S. A. Ensign cup was won for the first time by the Franklin society.

A triangular inter-collegiate debate has been held for several years with Central College and Ellsworth College. This was omitted this year on account of war conditions, but, it is hoped, will be renewed next year.

Athletics

The control of athletics is vested in a committee composed of three members of the faculty together with the officers of the College Athletic Association. The students of the college have taken a deep interest in all athletics. The possession of an Athletic Park on the lake shore gives opportunity for the development of all sorts of aquatic sports. Clean, manly sports are approved by the faculty and by those interested in the institution.

A Hiking Club is organized each spring among the girls. When the rules of the club have been faithfully followed out, a pin is awarded.

Glee Clubs

A men's glee club and a mixed glee club have proved popular. Under the leadership of Professor Miller good work is being done. All students should avail themselves of training in this line of effort.

Women's League

Every woman in the school, by virtue of her enrollment, becomes a member of this league. Its purpose is to bind the women of the college more closely together in athletics and in a social way as well as in the more serious things of college life.

Orchestra

A college orchestra, under the leadership of Professor Abernathy, offers an opportunity for development of talent along this line.

PUBLICATIONS

The Bulletin is edited by a committee of the faculty and published monthly in the interests of the college and of higher education. To this end an effort is made to keep the constituency of the college acquainted with all news of general interest, to inform the public of the facilities and the advantages of the college and to create an appreciation of the value of a college education. It will be sent regularly upon application to any address free of charge.

The Catalogue is one of the spring numbers of the Bulletin series, and is a general prospectus of the college and its various departments of instruction and the courses offered therein.

The Tack is edited by the students and published semi-monthly. Its functions are to record the local news of the college life and to create proper student sentiment through its editorial columns.

The Rudder is an annual publication edited by the Junior class. In nature and purposes it does not differ materially from similar publications in other colleges.

MEMORIALS

Endowment Memorials may be established on a minimum basis of ten thousand dollars.

Student Scholarship Memorials may be established on the basis of a minimum of \$500.00 and the following memorials have been established. Only the interest on the amount given is used and the memorial appears in the catalogue each year. It makes a most fitting monument and we shall be glad to have others added to those already established.

Jesse M. and Nellie A. Smith, memorial of Five Hundred Dollars given by their father, Mr. Joseph Smith.

Thomas Addison Williams, memorial of Five Hundred Dollars, given by his parents, Rev. and Mrs. Daniel Williams of Storm Lake.

A. M. Calvin memorial of Five Hundred Dollars, given by the late A. M. Calvin, Russell, Iowa, toward the endowment of a one thousand dollar scholarship.

PRIZES

The **Bradford Debating Cup** offered by Mr. S. C. Bradford of Des Moines, was won by the Star Society three years in succession and as a result is in their permanent possession.

The **Faville & Whitney Debating Cup** offered by Mr. F. F. Faville and Mr. A. L. Whitney was won by the Franklin Society and remains in their possession.

The **Blayney-Ross Debating Cup** offered by Prof. E. F. Blayney and F. B. Ross as a prize in the inter-society debate was permanently won by the Star Society in 1915.

The S. A. Ensign Debating Cup offered by Mr. S. A. Ensign of Storm Lake in 1915-16 will become the trophy of the Society winning the Inter-Society debate three years in succession.

Annual Prize by Class of '07. The class of 1907 offers two annual prizes of ten dollars each for the best scholarship in Freshman English and in Freshman Latin.

Temperance Oratorical Contest, \$25.00. The Board of Temperance of the Presbyterian Church in the U. S. A. offers an annual cash prize of \$25.00, to be given as one prize or distributed as the faculty may decide.

The Countermine Gold Medal Prize. Rev. J. W. Countermine, D. D., of Battle Creek, offers a gold medal to the young man of the Freshman class who excels in an original oration on a theme dictated by the donor.

The Preliminary to the State Oratorical Contest. The class of 1900 offers twenty-five dollars to the winner of first place in the preliminary contest and expenses paid to the State Contest to the person winning second place.

Prizes will be provided by the Oratorical Association for all other contests.

SCHOLARSHIPS

Honor Scholarships

We offer to first honor graduates of accredited high schools in Iowa an Honor Scholarship, good for one year. It entitles a student to tuition in the collegiate department only.

Labor Scholarships

Some of the labor about the college buildings, such as janitor work, etc., is done by the students and Labor Scholarships are given in return for such labor. The above scholarships entitle students to tuition in any department except Music and Oratory.

Memorial Scholarships

Friends have established scholarships by endowing them. The income from such is to be used in assisting worthy students to secure an education. These scholarships entitle a student to tuition in the Collegiate department only.

GOVERNMENT

Student Council

The Student Council is organized under a constitution for self government, wherein representatives from each of the classes and the two faculty members on discipline constitute "The Student Council" which constantly oversees student deportment and has the power of discipline. Under this arrangement and control few cases of misdemeanor have occurred.

THE DEAN OF WOMEN

Miss Alice E. Wilcox

The Dean of Women has special charge of the comfort and welfare of the young women of the College. She will recommend boarding places, see that students who are ill are put under proper care, aid those who wish to earn their own way through college, and render such other assistance and advice as she can. She keeps a list of homes for young women, where house rules as to hours, company, etc., are observed.

Moral and Religious Culture

Buena Vista College believes that a true education consists in the development of morals and religion as well as intellect, and that there is nothing that will accomplish this end, but a proper knowledge and recognition of the Bible. Consequently all students before graduation are required to take Bible Study to the amount of eight credits, at some time during their course. This, together with daily chapel exercises, the students' prayer meeting, Bible Study classes and the influence and example of a Christian faculty develops the moral and religious side of student character.

From time to time, special addresses on various subjects are given in connection with the chapel devotionals by members of the faculty and other speakers who are asked to visit the college and address the student body.

Speakers in Chapel

Sept. 11. Faculty. Opening exercises.

Oct. 2. Hon. W. C. Edson. Welcome to the S. A. T. C.

Oct. 29. Rev. Louis E. Holden, D. D. General Education Board of the Presbyterian Church, U. S. A.

Oct. 30. Capt. Robt. Shaw. The S. A. T. C.

Nov. 4. Dean Nichol森, Uni. of Minnesota. Colleges on a War Basis.

Nov. 6. E. M. Brown. Experiences as a "Y" Worker in France.

Nov. 19. Jos. Morcombe. Freedom and Force.

Nov. 20. Judge A. D. Bailie. Memorial service, S. A. Ensign.

Nov. 25. Capt. Robt. Shaw. Benefits of Military Training.

Jan. 6. Vice President J. W. Parkhill. New Beginnings.

Jan. 10. Rev. D. M. Grant, D. D. The School and the Church.

Jan. 13. President Olinger. War Lessons.

- Jan. 28. E. L. Marousek. Balloon Service.
Jan. 28. Rev. Thos. Ambler, D. D. Greetings.
Feb. 10. Lieut. Eilet Torkelson. Artillery Observers,
Air Service.
Feb. 10. Lieut. Emmons Crouch. Experiences in
France.
Feb. 16-20. Rev. E. A. Bleck, D. D. Week of Prayer.
Feb. 20. Rev. D. M. Grant, D. D. Day of Prayer for
Colleges.
Feb. 21. Lieut. J. S. Brown. Bombing.
Feb. 21. Rev. John Erb. Washington.
Mar. 18. Rev. W. N. Baker. Rural Community Work.
Mar. 21. Mr. S. R. Pier. Student Volunteer Movement.
Mar. 25. President Olinger. Senior Swing-Out.
Mar. 26. Prof. E. B. Spencer. Ancient Rome.
Mar. 27. Ray F. Weirick. Campus Development.

Lecture Course

The Student Council finances and controls the winter course of lectures and entertainments, and has presented excellent lists of talent in the past.

GRADES AND EXAMINATIONS

Reviews and examinations are held at the close of each semester or oftener if the instructors so choose. The semester's record is made up from the daily recitations and these examinations. An unexcused absence from a recitation means a failure for that recitation. All assigned lessons omitted for whatsoever reason must be made up. The standing of each student is reported to parents each semester, or oftener if the work being done is, in the judgment of the faculty, unsatisfactory. The system used in grading the work of students has been changed to conform with modern usage.

Explanation

I. The marks used in the College of Liberal Arts shall be "A," "B," "C," "D," "E," "Cond." for conditioned; and "F" for failure.

II. "A" is a mark of high distinction to be given to the very small portion of students, in the long run not exceeding 5 per cent, whose work approaches perfection or may be considered as approximately the best that can be expected of any student.

"B" is given for superior work plainly above the average, about 20 per cent in the long run.

"C" is given for average work. In the long run approximately 50 per cent of the students should receive this mark.

"D" is given for work below the average but still unquestionably above the passing grade, about 20 per cent in the long run.

"E" is a low passing mark and implies poor work not quite deserving the mark failed.

"Conditioned" shall mean a conditional pass, credit being given and a mark of "D" or "E" substituted upon fulfillment of the condition imposed by the department.

III. Note 1. The term "average" is used, not as the average of any one class, but as the amount of work within the power of a normal student according to the standard of the instructor.

Note 2. In a single given class the grades may fall far below or rise far above the average, but in the course of years and for large numbers of students, the above ratios should be closely approximated.

Note 3. These marks are to be understood strictly as defined above and are not to be interpreted upon a percent basis.

Note 4. A general average of "D," however, is required for graduation.

Rules Governing Absences

These rules with changes up to date are posted on the bulletin board at the beginning of each semester.

EXPENSES

Because of the location of the college there is little to increase the cost of attendance over actual necessities. An education can be secured here for much less than it may cost in many other schools. The trustees have sought without sacrificing quality, to bring the expenses connected with college attendance within the reach of young men and women who earnestly desire the advantages of a college course and yet who must seriously consider the cost. Students find no difficulty in securing convenient rooms and board in student's clubs and private families at a cost of from \$5.00 to \$6.00 per week. Students may rent rooms and board themselves, and lessen very materially this amount.

SELF-SUPPORT

A number of students can earn part of their expenses by working in the homes and business houses of Storm Lake.

The college employs a limited number in the following work: Janitor work, library assistants, office work, and work on the Bulletin. The faculty, the Y. M. C. A. and the Y. W. C. A. lend their assistance in securing employment for student labor. The people of Storm Lake are ready to offer such opportunities to college boys and girls; but after all, each student needs to be on the alert and to perform efficiently every task secured.

It is a fact of common observation that students so employed stand high in the class room work and in the social life of the school. The faculty, however, urgently advises parents to give their young people the necessary financial support so that the entire time of the student can be devoted to the work of the college.

Tuition and Fees

Tuition is payable at the opening of each semester in advance. When students are required to be absent for one half a semester on account of sickness, credit for tuition for that semester will be made on the following semester. Special adjustment of tuition will be made for those enrolling in one or two subjects.

A reduction of fifty per cent is made on tuition to candidates for the ministry and children of ministers, except in the Music, Public Speaking (private work) and non-collegiate Commercial departments.

	Per Semester
Collegiate	\$36.00
Academic	30.00
Oratory, for regularly enrolled students (private, two lessons a week)	18.00
Oratory, special students, a lesson	.65

College Fees

Incidental fee	\$ 6.00
Chemistry deposit	5.00
Chemistry 1 and 2	6.00
Chemistry 3 and 4 (qualitative)	8.00
Chemistry 5 and 6 (quantitative)	8.00
Chemistry 7 and 8 (organic)	10.00
Food Chemistry	10.00
Physics, college	2.50
Physics, Academy	1.50
Biology 1, 2	3.00
Bacteriology 7	5.00
Biology 3 and 4	3.50
Academy Botany	1.00

Academy Zoology -----	1.00
Textile Chemistry -----	3.00
Domestic Science 1 and 2 each -----	3.50
Domestic Science 3 and 4 each -----	4.50
Domestic Science 5 and 6 each -----	4.00
Domestic Art, 6 -----	1.00
Domestic Art, 1, 2, 3, 5 -----	.50
Graduation from college -----	5.00
Graduation from other departments -----	2.50
Registration fee after first day of school -----	1.00
Special examination -----	1.00

Tuition School of Music

Mr. Wimberley

Piano, voice or private theoretical courses, two half hour periods each week, per semester -----	\$45.00
Pipe Organ, one hour period per week, per semester	45.00

Class Work Under Mr. Wimberley

(One hour each week)

Harmony, counterpoint, canon, composition, orchestra	15.00
In classes of five or ten only.	
Interpretation and musical history -----	Free
Ensemble and conducting -----	Free
Ear-Training and Sight Singing, class of five or more	12.50

Miss Leonard or Miss Ensign

Piano, two half-hour per week, per semester -----	18.00
Piano, one half-hour per week, per semester -----	10.00

Beginner's Preparatory Class

Miss Ensign, class lessons only, 10 students, two a week -----	5.00
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(Beginners only, ages 7 to 9)

Violin**Mr. Ensign**

Two half-hour lessons per week, per semester-----	18.00
One period per week -----	10.00

Commercial and Shorthand Tuition

Full course—nine months—either course -----	\$70.00
Four months and one-half -----	40.00
Three months -----	30.00
One month, four weeks -----	12.00

Agriculture

Semester course -----	\$30.00
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FOUNDATION COURSES**Law**

Arrangements have been made with Northwestern University and with the Iowa State University and through it with other universities whereby good students can take the preliminary Arts course in Buena Vista College and then be transferred to the Law courses on full credit. This college will then give the A. B. degree on the completion of one hundred and twenty collegiate credits or the equivalent in the university. The Law degree will then be conferred by the university on completion of the combined courses of Liberal Arts and Law. During residence in Buena Vista College the student will have the advantage of the special adjustments made for his course of study as shown in the suggested outline for the law student. Political Science, Economics, Social Science, History and Forensics are all given special emphasis. Storm Lake is a County Seat and the helpful suggestions of local lawyers will also be of great advantage.

Medicine

The courses in Chemistry, Biology, Physics, Psychology and other Pre-medical studies have been arranged to meet the requirements of the combined Arts and Medical curriculum of the University. Any student of strong average grade will have no difficulty in passing from the courses taken in Buena Vista College to the similar ones of the University. Arrangements have been made to that effect and will be operative in all cases dating from the present year. A suggested outline is presented below.

Theology

The attention of all students expecting to enter the Ministry is called to the courses in Bible, Christian Evidences, Theism, Comparative Religions, Philosophy, Sociology, Education and Science which will fit them for entrance to any Theological Seminary with excellent equipment. The suggested outline issued in this connection is excellent. The Christian College is the preliminary training school of the Church.

Education

A major course including Psychology, Principles of Education, History of Education, School Management, Methods of Education and all other subjects required by the State Board of Educational Examiners for the five year first grade State Certificate is offered. The college is ranked as an accredited institution by the State Board of Educational Examiners. Its graduates have received the highest consideration by school boards and by the public. The college also offers a two year course in both Education and Home Economics approved by the State Board. On completing this course, students are entitled to receive the preliminary third grade State Certificate. Both of the above certificates are granted by the State Board without examination.

Social Workers Course

The great emphasis laid today upon the usefulness of the Social Work demands attention from the colleges. Buena Vista has decided to call attention to this modern interest. An outline of the topics pertinent to this calling will be noted in the following pages. The Social Sciences and other lines of preparation are given special prominence.

Missions

The volunteer missionary student will find here that the interests of that field have found expression in the curriculum. A course of study best intended to prepare for this arduous task is suggested. The Pre-medical curriculum will be open to all students expecting to enter the work of medical missionary. The requirements will be the same as those for the medical students. The courses in Bible will be of the highest value to this course.

Secretarial Work

It is an age of great activities. The private secretary is in demand on all sides of the business problem. Buena Vista College has equipped herself to prepare the student for this line of important work. The outline gives a prominent place to all of those special studies required of the private secretary or of the business office. Commercial Law, Accountancy, Bookkeeping, Stenography and Typewriting, Business Correspondence and like topics are offered.

Business

The complex system of modern business presupposes a good course of training in order to succeed. The suggested topics in this line meet that demand. These subjects are given the same rank and credit as any others in the general curriculum. The credits are on the same basis. The course leads to the A. B. degree and will receive the approval of other institutions.

Suggested Four Year Course For Law Students

Freshman Year

First Semester		Second Semester	
English -----	3	English -----	3
History -----	3	History -----	3
Foreign Language -----	3	Foreign Language -----	3
Chemistry -----	5	Chemistry -----	5

Sophomore Year

Principles, Economics ----	3	Principles, Economics ----	3
English Literature -----	3	English Literature -----	3
Industrial Chemistry ----	3	Sanitary Chemistry -----	3
Political Science -----	3	Political Science -----	3
Foreign Language -----	3	Foreign Language -----	3

Junior Year

Commercial Law -----	3	Commercial Law -----	3
Economic History of Eur-		Economic History of Eur-	
ope -----	3	ope -----	3
American Government and		American Government and	
Politics -----	3	Politics -----	3
Sociology, Principles ----	3	Social Psychology -----	3
Psychology -----	3	Psychology -----	3

Senior Year

American Municipal Gov-		Modern European Govern-	
ernment -----	3	ment -----	3
Economic History of		Economic History of	
America -----	3	America -----	3
Argumentation and Debate	3	Argumentation and Debate	3
Logic -----	3	Oratory -----	3
Corporation Finance ----	3	Transportation -----	3

Eight credits in Bible study are required of all for graduation.

Suggested Four Year Course for Pre-Medical Students

Freshman Year

First Semester

General Chemistry	5
Foreign Language	3
English	3
Mathematics	3

Second Semester

General Chemistry	5
Foreign Language	3
English	3
Mathematics	3

Sophomore Year

Biology, Animal	4
Physics	4
Psychology	3
Qualitative Chemistry	4

Biology	4
Physics	4
Psychology	3
Quantitative Chemistry	4

Junior Year

Biology, Bacteriology	3
History	3
Foreign Language	3
Organic Chemistry	4
English	3

Biology, Physiology and Hygiene	4
History	3
Foreign Language	3
Organic Chemistry	4
English	3

Senior Year

Biology, Histology and Technique	4
Food Analysis	3
Foreign Language	3
Economics	3
Sociology	3

Biology, Embryology	4
Food Analysis	3
Foreign Language	3
Economics	3
Social Psychology	3

Eight credits in Bible study are required of all for graduation.

Suggested Four Year Course for Ministerial Students

Freshman Year

First Semester	
Beginning Greek	3
English	3
Mathematics	3
Chemistry	5
Hist. Hebrews	2

Second Semester	
Beginning Greek	3
English	3
Mathematics	3
Chemistry	5
Literary Study of O. T.	2

Sophomore Year

First Semester	
Greek	3
English	3
Psychology	3
Biology	4
Life and Teachings of Jesus	2
History, Greece	2

Second Semester	
Greek	3
English	3
Psychology	3
Biology	4
Life and Teachings of St. Paul	2
History, Rome	2

Junior Year

First Semester	
Greek Oratory	2
Logic	3
Sociology	3
History	3
Social Teachings of Jesus	2
Foreign Language	3
Public Speaking	1

Second Semester	
Greek Drama	2
Social Psychology	3
History	3
Christian Evidences	2
Foreign Language	3
Public Speaking	2

Senior Year

First Semester	
Greek New Testament	2
History	3
Hist. Philosophy	3
Social Problems	3
Ethics	2
Business Efficiency	3
or	
Foreign Language	3
Public Speaking	1

Second Semester	
Greek New Testament	2
History	3
Hist. Philosophy	3
Social Pathology	3
Christian Theism	2
Business Organization	3
or	
Foreign Language	3
Public Speaking	1

Suggested Four Year Course for Missionary Students

Freshman Year

First Semester

Foreign Language	3
English	3
Mathematics	3
Chemistry	5
History, Hebrews	2

Second Semester

Foreign Language	3
English	3
Mathematics	3
Chemistry	5
Literary Study of O. T.	2

Sophomore Year

Foreign Language	3
Psychology	3
Biology	4
Life and Teachings of Jesus	1
Physics	4

Foreign Language	3
Psychology	3
Biology	4
Life and Teachings of St. Paul	2
Physics	4

Junior Year

Foreign Language	3
Logic	3
Sociology	3
History	3
Social Teachings of Jesus	2
Missions	2

Foreign Language	3
Social Psychology	3
Christian Evidences	2
History	3
Missions	3

Senior Year

Foreign Language	3
History	3
History of Philosophy	3
Social Problems	3
Ethics	2
Business Efficiency	3

Foreign Language	3
History	3
History, Philosophy	3
Social Pathology	3
Christian Theism	2
Business Organization	3

Suggested Four Year Course for Social Workers

Freshman Year

First Semester		Second Semester	
Foreign Language -----	3	Foreign Language -----	3
English -----	3	English -----	3
Mathematics -----	3	Mathematics -----	3
Chemistry -----	5	Chemistry -----	5
History, Hebrews -----	2	Literary Study of the O. T. -----	2

Sophomore Year

Foreign Language -----	3	Foreign Language -----	3
English -----	3	English -----	3
Psychology -----	3	Psychology -----	3
Biology -----	4	Biology -----	4
History -----	3	History -----	3
Life and Teachings of Jesus -----	2	Life and Teachings of Paul -----	2

Junior Year

Sociology, Principles -----	3	Social Psychology -----	3
Foreign Language -----	3	Foreign Language -----	3
Logic -----	3	History -----	3
History -----	3	Economic History -----	3
Economic History -----	3	Christian Evidences -----	2
Social Teachings of Jesus -----	2		

Senior Year

Social Problems -----	3	Social Pathology -----	3
Foreign Language -----	3	Foreign Language -----	3
History -----	3	History -----	3
History of Philosophy -----	3	History, Philosophy -----	3
Business Efficiency -----	3	Business Organization -----	3
Ethics -----	2	Christian Theism -----	2

TERMS OF ADMISSION

All candidates for admission must give satisfactory evidence of good moral character; those who have been identified with other colleges must present certificates of honorable dismissal.

Students may be admitted to Buena Vista college by any of the following methods: (1) by completing one of the courses in Buena Vista College Academy; (2) by presenting a certificate showing thirty semester credits of acceptable work completed in an accredited high school or academy; (3) by presenting credits or a certificate from some other college in good standing; (4) by taking an examination in the subjects required for admission. No person will be admitted to advanced standing later than the beginning of the senior year.

Those seeking admission by certificate should secure blanks from the college; these blanks should be filled out fully, signed by the principal or superintendent of the high school or academy where credits are recorded and returned to the registrar at least one week before the opening of the college in September. Candidates from accredited schools may take examinations in the subjects for which acceptable credits are not presented. Entrance examinations are held on the Monday preceeding registration day.

No college credit is granted for High School work unless it be in excess of 32 credits. An examination must be passed in work for which such credit is desired and credit presented to the Registrar from the department from which it is secured.

For admission to the Freshman class of Buena Vista College candidates must offer a total of thirty semester credits from the following list:

Language—Minimum four, maximum eight credits. Latin, German, French, Greek. Any language must have two years credit to be accepted for entrance.

History—Minimum two, maximum eight credits. Ancient, Medieval and Modern, English, American (after Ancient), Civics, Economics.

Mathematics—Minimum five, maximum eight credits. Algebra, one and one-half years, (required). Plane Geometry (required), Solid Geometry, Arithmetic (after Algebra).

Science—Minimum two, maximum nine credits. Physics (preferred), Zoology, Botany, Physiography, Physiology, Chemistry.

English—Minimum six, maximum eight credits. Composition, Rhetoric, English Literature, American Literature. Uniform College Entrance Requirements in Classics.

Commercial Branches—Maximum eight credits. Commercial Law, Commercial Geography, Double-entry Book-keeping, History of Commerce, Stenography and Typewriting.

Miscellaneous Branches—Agriculture, one to four credits; Domestic Science, one to four credits; Manual Training, one to four credits; Pedagogy, one to two credits; Domestic Art, one to two credits.

GRADUATION

Degrees

On recommendation of the Faculty the Board of Trustees awards the degree of Bachelor of Arts to those who have gained one hundred and twenty credits fulfilling the requirements of any accepted group, except group XI, and the degree of Bachelor of Science in Home Economics to students majoring in group XI. Eight credits in Bible must be secured before graduation.

Honors

On graduation from college, the distinction of "Magna cum Laude" is conferred for a grade of three-fourths A's and B's. That of Cum Laude for one-half A's and B's.

The Group System

Beginning with the Academic year 1903-4 the courses of study were arranged according to the group system, which in recent years has been adopted by many institutions. The studies are arranged in various groups, in each of which there is one leading subject called Major and correlated subjects called Minors.

Collegiate Department

In the Major twenty-four credits are to be secured, one recitation per week in a subject for a semester giving one credit. See the topic, "Terms of Admission" for the preparatory work required for entrance into the several groups.

The required subjects, including Majors and Minors, embrace those subjects which by general consent must be included in any scheme of liberal education. Twenty-four credits are required for a Major and twelve credits are necessary for a Minor subject. One hundred twenty credits

are required for graduation of which eight must be in Bible. Under "Departments in Detail" is designated in what year each topic may be taken as an elective.

Each student is required to pursue one Major subject and two Minor subjects to be selected from groups different from that containing the Major to secure the designated number of credits in the same.

The Majors and Minors are chosen at the close of the Sophomore year. In the choice of a Major the student should confer with the professor in charge with a view to planning for the entire group of courses connected therewith.

This grouping as planned, is then filed in the college office for subsequent reference and checking of credits as obtained. The subjects open for Major work are as follows: Latin, Mathematics, German, French, Philosophy, Laboratory Science, Political Science, Education, English History, Home Economics, Commerce, Economics and Sociology.

Those who are not candidates for a degree may, without examination, join any class for which they are prepared and thus pursue a partial course.

The Groups Suggested

I. Classical

Latin	24
Greek, German or French	12
Mathematics	6
English	12
Philosophy 1	6
Chemistry	10
Biology	8
History	12
Bible	8
Electives	22

II. Mathematics

Mathematics	24
French or German	12
Physics and Chemistry	18
English	12
History	6
Philosophy 1	6
Bible	8
Electives	34

III. Modern Language

German or French	24
French or German	12
Philosophy 1	6
English	12
Mathematics	6
Chemistry	10
Biology	8
History	6
Bible	8
Electives	28

IV. Philosophy

Philosophy	24
Economics and Sociology	12
History	12
German or French	12
English	12
Mathematics	6
Chemistry	10
Bible	8
Electives	24

V. Chemistry

Chemistry, Physics	24
Mathematics	12
German or French	12
English	12
Biology	8
Philosophy 1	6
History	6
Bible	8
Electives	32

VI. Biology

Biological Science	24
Chemistry and Physics	18
German	12
French	6
Mathematics	6
English	12
History	6
Philosophy 1	6
Bible	8
Electives	22

VII. Commerce

Business	24
Economics	12
History	12
English	12
Sociology and Philosophy	8
German or French	6
Chemistry	10
Mathematics	6
Biology	8
Bible	8
Electives	14

VIII. Economics

Economics and Sociology	24
History and Political Science	12
Modern Language	12
English	12
Mathematics	6
Philosophy 1	6
Chemistry	10
Biology	8
Bible	8
Electives	22

IX. Education

Education and Psychology	24
History	12
Modern Language	12
English	12
Philosophy	6
Economics or Sociology	6
Chemistry	10
Mathematics	6
Bible	8
Electives	24

X. English

English	24
History	12
Language	12
Mathematics	6
Chemistry	10
Philosophy 1	6
Sociology	6
Biology	8
Bible	8
Electives	28

Necessary preparation for Group one is two years of High School Latin. Necessary preparation for Group three is the work offered in two years High School German or French.

Necessary preparation for Group X is the three years High School English.

ORDERS OF STUDIES REQUIRED**Freshman Year—14-16 Hours**

English 1 throughout the year. 3 hours each semester. Psychology may be taken here by the two year teacher's course students.

Sophomore Year—14-16 Hours

English Literature throughout the year. 3 hours each semester. In courses in Education, Psychology is required for Sophomore year, except as noted above.

Junior and Senior Years—14-16 Hours

Electives according to the conditions of the groups and outlines of the chosen Majors and Minors.

XI. History and Pol. Science

History and Political Science	24
Economics and Sociology	12
Modern Language	12
English	12
Mathematics	6
Chemistry	10
Philosophy 1	6
Biology	8
Bible	8
Electives	22

XII. Domestic Science

Domestic Science	24
Domestic Art	12
English	12
Mathematics or Language	6
Chemistry	10
Physiology	4
Bacteriology	4
Philosophy 1	6
History	6
Biology	8
Bible	8
Electives	20

DEPARTMENTS OF INSTRUCTION

In the following pages you will find the various departments of instruction outlined, giving the subjects taught and the length of time given to each, also the number of hours per week required in each subject, and credit to be received.

BIBLE STUDY

Professor Fracker

This department offers four distinct courses. This arrangement has been adopted in order to avoid the duplication of courses and consequent repetition. The work has been so outlined and extended that the credits gained from it will receive the same consideration as those from any other department in the entire curriculum. These credits will also be of the same value in transfers to other institutions. The courses will cover four years, two hours per week. Eight Bible-study credits will be required for graduation from any collegiate four-year course. It is at the option of the student to take these credits at any time in the four years of his college course; e. g. four may be taken any one year and the other four any other year.

1-2. Freshmen courses. First semester, a study of the Old Testament Characters so as to bring out the history and customs of the Hebrews. One semester, two credits.

Second semester, a literary study of the books of the Old Testament, with discussion of the formation of the canon. One semester, two credits.

3-4. Sophomore courses. First semester, a study of the Life and Teachings of Jesus. One semester, two credits.

Second semester, a Life of St. Paul will be studied so as to bring out the beginnings of the Christian church. One semester, two credits.

5-6. Junior courses. First semester, Social Teachings of Jesus. Second semester, Evidence of Christianity. Each semester, two credits.

7-8. Senior course. First semester, Ethics. Second semester, Theism. Each semester, two credits.

BIOLOGY

Professor Kingman

1-2—General Zoology

A course in Animal Biology consisting of laboratory work and lectures. Beginning with the lowest, the various classes of invertebrate animals are taken up in a comparative manner, their relationships pointed out, certain types of each studied in detail, and habits noted. Text Hegner's College Zoology and collateral reading assignments thruout the year. The work of the second semester will be upon the modifications of the different organic systems as evidenced in the different vertebrate types; viz. fishes, amphibians, reptiles, birds, and mammals. Some idea of the local fauna will be gained by field trips in the spring months.

Three hours lecture, recitation, and quiz with four hours laboratory a week, eight credits, two semesters.

3—Invertebrate Zoology

The course deals with the life history, habits, economic importance, comparative anatomy and relationships of the invertebrates. It is intended to give the student a knowledge of animal organization and of the principles of classification.

Two hours lecture and recitation with three hours laboratory a week, three credits, first semester.

4—Vertebrate Zoology

The study of selected types of vertebrates forms the basis for a comparative point of view to be fully established. Wiedersheim's Comparative Anatomy of Vertebrates is the text used in recitation and Pratt's Vertebrate Zoology serves for a guide in the laboratory for the study of the type forms. The Skate, Shark, Necturus, Turtle and Pigeon are dissected.

Two lectures and recitation periods with five hours laboratory a week, four credits, second semester.

5-6—General Botany

A course designed to give a general conception of the plant kingdom as a whole, together with the fundamental principles of Biology. A careful study is made of the morphology of a series of typical plants representing the principal natural groups from the lowest forms to seed plants, with special reference to the development of the plant kingdom. The student is also required to become acquainted to some extent with the local flora.

Two recitations and four hours laboratory a week, four credits.

7—General Bacteriology

Primarily this is a laboratory course combined with lectures, readings and recitations. In the laboratory the student is made acquainted with the usual bacteriological technique, such as the preparation of culture media, cultivation and staining of bacteria, study of the forms of bacteria under the microscope, study of the physiological action of bacteria, and their relation to foods, sanitation and infectious diseases. Such matters as fermentation, immunity, and the control of epidemics will also be considered. This course is designed to meet the demands of the Department of Home Economics, and will be limited to six. Elementary Chemistry or Biology is a necessary prerequisite.

Eight hours a week, lecture, recitation and laboratory, four credits first semester.

8—Physiology and Hygiene

The plan of the course is to give the student a knowledge of the normal physiological processes of the human body. Special attention is paid to the physiology of alimentation. Parallel with the study of the various structures of the body the subject of their hygiene is taken up. This course is adapted to meet the demands that arise in the daily life of the student. Text: Stiles Physiology and Pyles Personal Hygiene. Collateral reading.

Two hours lecture and recitation, two credits.

9—Microscopic Technique

Laboratory work in the preparation of animal (or plant) tissue for microscopical study. The course is arranged to give proficiency in the general methods of preparation of material such as killing, fixing, dehydration, staining, sectioning and mounting. After the preparation of the tissues the student will be required to identify them.

Prerequisites, Biology 1, 2.

10—Vertebrate Embryology

This course is closely related to course 9. The embryological processes as seen in the various vertebrates are followed in detail in the laboratory. The Amphibian egg and larval stages are first studied followed by work on the chick and mammalian embryo. Two lectures and three two hour laboratory periods, four credits, second semester.

Prerequisite Biology 1, 2, and 7.

11—Biological Problems

Special topics for investigation, either in the field laboratory or library may be assigned to advanced students. Credits and hours to be arranged.

CHEMISTRY

Professor Banghart

1-2—General Chemistry

This course is designed for all students who wish to gain a clear comprehensive view of the elements and constitution of matter.

A study will be made of the fundamental principles and laws governing the action of atoms, molecules, chemical equations, ionization and the changes that matter undergo. The common elements, their salts and compounds and general reactions characteristic of each one will be carefully and thoroughly dealt with. The first part of the term will be devoted to chemical arithmetic, learning to write reactions of every type and the solution of all problems dealing with chemistry changes. The uses of the elements and their compounds will be especially emphasized as each one is taken up.

Original and careful notebooks of laboratory work will be required and these must be presented from time to time, showing the progress of this phase of the instruction. Assigned work in industrial processes will be made and written reports required. This course is open to all students and consists of three hours of lectures a week and four hours laboratory work.

Five credits, each semester.

3-4—Qualitative Analysis

A qualitative study of the metals and acid radicals, will be conducted. Analysis of various commercial products will be carefully dealt with. These will include rubber, alloys, glass, soils, rocks, silage, fertilizers, baking powders and foods in general.

During the last few weeks the preparation of some inorganic salts will be carried out. Among these will be Ferrous Sulphate, one alumand cuprous chloride. This gives the student an idea of the commercial way compounds are manufactured. The text book will be Prescott & Johnson with readings assigned in Treadwell & Hall, Fresenius and other recognized texts.

Two hours lecture and four to six hours laboratory work per week are required although at the discretion of the instructor laboratory hours will be changed to recitation periods and visa versa according to the needs of the class.

Prerequisites Chemistry 1 and 2. Four credits, each semester.

5-6—Quantitative Analysis

Standard methods of volumetric and gravimetric determinations of simple and complex salts will be made, followed by the analysis of numerous commercial and common substances. Among these will be soils, soap, gas, water, air, iron ores, coal, fertilizers, bronzes, clays and numerous foods including milk, butter, eggs, etc. The course is designed as a general cultural course but will be found useful and

fundamental for those specializing in chemistry or industrial processes based upon chemical principles.

Two lectures per week and six hours of laboratory work together with special reports will be necessary for the completion of this course. A very careful and original laboratory note book will be required.

Prerequisites Chemistry 1 and 2. Four credits second semester.

7—General Organic Chemistry

This course consists of a study relative to the most important and characteristic members of the various series and groups of carbon compounds together with the laws and theories governing their action. In the laboratory these characteristic compounds will be made. During the year not less than 25 will be required. The quantitative phases of organic chemistry will be especially emphasized and the identification of several compounds made by this method. The quantitative determination of the constitution of organic compounds will be carried out by means of the combustion furnace. A determination of the molecular weights of some compounds will be conducted. Throughout this course very careful and original laboratory work will be required.

Prerequisites—Chemistry 1 and 2.

Two lectures per week and six hours laboratory work. Four credits first semester.

7a—Applied Organic Chemistry

Consideration with special reference to Home Economics. Study, estimation and preparation of compounds relating to foods. Third semester. Prerequisite—Chemistry 1 and 2.

Two lectures. Two 3 hour Lab. periods, four credits.

7b—Organic Chemistry—Medical Students

General study of Organic Chemistry to meet the requirements of students specializing in Medicine. Third semester. Prerequisite—Chemistry 1 and 2.

Two lectures. Two 3 hour Lab. periods, four credits.

8—Organic Chemistry

Continuation of Organic 7. Given for students specializing in Chemistry and those taking full four year course in Chemistry. Fourth semester. Two recitations. Two 3 hour Lab. periods, four credits.

9—Food Chemistry

One semester course following 7a. Study of methods of analysis of foods; milk; butter; oleomargarine; ice cream; cereal foods; detection of coloring matter and food preservatives. Fourth semester. Prerequisite—7a.

Two recitations. Two 2 hour Lab. periods, four credits.

10—Textile Chemistry

Study of physical and chemical nature of fabrics; testing of materials; chemistry of cleaning. This course accompanies Chemistry 9. Fourth semester. Prerequisite—7a.

One recitation. Two Lab. periods, two credits.

11-12—Industrial Chemistry

This course will be conducted along industrial and commercial lines. Several articles of commerce will be studied, among these will be the manufacture of gas, strawboard, paper, cloth, together with dyeing of same, leather, sugar, soap, corn syrup and its various compounds, explosives as used today including nitroglycerine, dynamite, forcite, gun cotton, picric acid and tri-nitrotoluol, water plants, gas plants, cement building blocks, ice manufacture, cold storage, soft drinks manufacturing, ice cream, baking powder, confectionery, water softening, creameries and sewage disposal. Trips to plants similar to these outlined will be made. Two recitations. Two credits each semester.

13—Soil Analysis and Agricultural Chemistry

This course makes a study of substances agriculturally important. A study of soil analysis and its interpretation as to how to correct soils that are chemically incorrect will be extensively carried out. Feeding of cattle for marketing and domestic purposes will be carefully investigated.

Lectures and laboratory work alternate.

SCHOOL OF COMMERCE AND ECONOMICS

President Olinger

The man technically trained for business is in demand today. Business is becoming more complex, and only the thoroughly trained will command responsible positions. The four years business course trains not for clerical work but for executive positions.

1-2—Principles of Economics

In the beginning course in Economics the purpose is to reveal the currently accepted principles of these sciences through the study of existing business and social relations. Text books are used but are supplemented by lectures, collateral readings and discussions.

Three hours weekly throughout the year. Six credits.

3—Money and Banking

A study of the forms and laws of money. Special attention is directed to the subjects of credit and banking, the money market, and foreign exchange, together with the currency legislation.

Three hours one semester (alternate years). three credits.

4—Corporation Finance

A study of the organization and financial management of corporations.

Three hours, one semester (alternate years), three credits.

5—Economics of Agriculture

Attention is centered upon the economic aspects and problems of present day American agriculture. Special study is given to land tenure, agricultural credits and the marketing of agricultural products.

Two hour (alternate years), two credits.

6—Labor Problems

A thorough discussion of the chief social and economic questions arising from present labor conditions and the principal remedies for them. Second semester, two hours, two credits.

7—Insurance

The historical development and economic aspects of insurance. One semester, two hours (alternate years), two credits.

8—Commercial Geography

The raw materials of commerce, their geographical distribution and economic significance; the leading industries; the stages of production; the distribution of finished commodities.

One semester, two hours (alternate years), two credits.

9—Principles of Sociology

Given in alternate years.

A survey of the origin, structure and organization of society, the functions of the various social groups, the relations of society to heredity and environment, a general theory of society.

One semester, three hours, three credits.

10—Social Pathology

Given in alternate years.

A consideration of the important sociological problems of the present, such as Population, Housing Conditions, Misery, Pauperism, Crime, Degeneracy, Eugenics and Social Reforms. As much field work will be done as time permits.

One semester, three hours, three credits.

BUSINESS ADMINISTRATION

1-2—Principles of Accounting

The theory of debit and credit and of double-entry bookkeeping will be reviewed. Practice in simple accounts, controlling accounts, balance sheets, statements, and partnership accounting. The emphasis throughout will be on principles. The course is not only for prospective business men, but for all who handle funds or manage property—on the farm, in the home, or elsewhere.

Three hours throughout the year, six credits.

3-4—Theory Accounting

Balance sheets; corporation accounting—stocks, bonds, profits, surplus, reserves; advanced forms of statements; valuation of assets, depreciation; cost accounting (receiving special emphasis); the accountancy of investment.

Three hours throughout the year, six credits.

5—Transportation

The rise of modern transportation by land and sea. Ocean transport; its history, terminals, freight and passenger services, monopoly and combination, rates, government aid and regulation, the American merchant marine. Inland waterways. The Panama Canal; its rates and traffic. The history and economics of railroads, competition vs. monopoly, government regulation and ownership, European and United States railroads.

Three hours, one semester, three credits.

6—Business Efficiency

A study of the principles and methods which have been used in modern factories and shops, based on records of experience. Labor and control of men, wage systems, scientific management, some elements of production engineering, training for efficiency. Special investigations by those interested, of special types of factories.

Three hours, one semester, three credits. Alternate years.

7—Business Organization

Business organization partnership, corporation, departments of a business; filing, correspondence, credit and collections, purchasing, retailing, selling (introduction only), business statistics. Special studies by those interested of special types of business.

Three hours throughout the year, six credits.

8—Salesmanship

A study of the principles and practice of selling and sales organization, by means of lectures, recitations upon a text, assignments in sales planning, and class demonstrations in salesmanship.

Three hours, alternate years, three credits.

9—Advertising

The theory and technique of advertising from the viewpoint of the seller. Practice work in copy writing and planning of advertising.

Three hours, alternate years, three credits.

10—Commercial Law

Principles underlying the law of contracts, negotiable instruments, agency, partnerships, business corporations, sales of personal property, bailments and carriers, guaranty and suretyship, and insurance.

Three hours, alternate years, three credits.

11—Private Secretarial Duties

The training of students in the important duties and practices of private secretary to business and professional men is the aim of this course. A broad and comprehensive study is made of letter writing, confidential letters, the conducting of correspondence, filing and systematic arrangement of letters and papers, keeping of newspaper clippings, the preparation of speeches and reports. Interviewing, the management of appointments and the handling of callers receive careful consideration.

Three hours, three credits.

12—Business Correspondence

This course is a training for the development of expression and the use of clear, distinct, and unambiguous terms in letter writing. A thorough study is made of the various kinds of letters relating to all the branches of business covering all manner of inquiries, settlements and collections.

Three hours, three credits.

13—Office Organization and Management

This course takes up a comprehensive study of the inside administration of a business as directed from the office. Office equipment is considered, covering furniture, old and new office appliances. Methods of filing are studied for each department of business. The office force receives attention from errand boy to manager, summing up such qualities as would make for efficiency.

Three hours, three credits.

14—Business English

This course directs special attention to the requirements of composition in the business office. Drills are given to bring out conciseness and effectiveness in writing.

Three hours, three credits.

15—Course in Journalism

Practice in newspaper reporting, in editorial work, in the preparation of special articles, and in other forms of journalistic writing. The history and development of the American press. Special talks on various phases of journalistic work.

1 Students preparing to enter the advertising or managerial sides of journalistic work should enter the commercial course, taking as electives subjects calculated to bear on their chosen field.

2 Students who are preparing for journalistic work on the reportorial, literary or editorial side should take their major work in English subject to the General Curriculum in the Liberal Arts and Science Department.

11-12 Journalism throughout the year. Two or three hours, four to six credits.

16—Mathematics

7-8 Averaging in mathematics and investments throughout the year. A course open to all collegiate students but especially designed to meet the needs of those training for commercial careers and for the public service. It includes interest, annuities, the extinction of interest bearing debts by periodic payments, the valuation of bonds, sinking funds, depreciation, building and loan associations, probability, insurance, averages, and statistics.

Two semesters, three hours, six credits.

Requirements for the A. B. Degree

A. Prescribed Subjects. English 1-2; Bible, eight credits.

B. Group Requirements. Every candidate must offer the minimum of work specified in each of the following groups:

1. English. The offering in this group must include at least one semester course in literature.

2. Foreign Languages and Literature (exclusive of courses in translation.)

If a student has offered but two units of a foreign language for entrance to the college, he must pursue the study of foreign language through two one-year courses or the equivalent. If he has offered for entrance three or more units of foreign language, he must continue the study of foreign language through one year of his college course.

Note. Candidates for the degree who have not offered Greek or Latin or French or German for entrance must offer one of these languages for graduation.

3. History, Political and Social Science. History, Economics, Political Science, Sociology; 8 hours.

4. Mathematics and Physical Science. Mathematics, (courses with college mathematics as prerequisites), Physics, Chemistry: 8 hours.

5. Education, Philosophy, Psychology: 6 hours, of which 3 shall be in Philosophy or Psychology.

C. Major Subjects. Each candidate must select some one subject as his major. A major consists of courses amounting to 24 hours chosen from among those designated by a department and approved by the faculty of the college. The subjects open for Major work are as follows: Greek, Latin, Mathematics, German, French, Philosophy, Laboratory Science, Political Science, Education, English, History and Home Economics.

D. Minor Subjects. Each candidate must offer, in addition to his major, two minors of 12 hours in one or more allied subjects designated by the major department and approved by the faculty of the college. At least 8 hours must be offered in one subject.

Suggested Four Year General Course in Business

Freshman Year

First Semester		Second Semester	
Foreign Language -----	3	Foreign Language -----	3
English -----	3	English -----	3
Mathematics -----	3	Mathematics -----	3
History -----	3	History -----	3
Principles, Accounting ---	3	Principles, Accounting ---	3

Sophomore Year

Principles, Economics -----	3	Principles, Economics -----	3
Foreign Language -----	3	Foreign Language -----	3
English Literature -----	3	English Literature -----	3
Psychology -----	3	Psychology -----	3
Political Science -----	3	Political Science -----	3

Junior Year

Business Efficiency -----	3	Business Organization ---	3
Economic History of		Economic History of	
Europe -----	3	Europe -----	3
Money and Banking -----	3	Corporation Finance -----	3
Theory Accounting -----	3	Theory Accounting -----	3
Foreign Language -----	3	Foreign Language -----	3

Senior Year

Psychology of Selling -----	3	Psychology of Adver- tising -----	3
Commercial Law -----	3	Commercial Law -----	3
Economic History of		Economic History of	
America -----	3	America -----	3
Sociology, Principles -----	3	Social Psychology -----	3
Office Management -----	3	Business Correspondence ---	3

Substitutions may be made in the above course as the demands of the special case may require. A student desiring to fit himself for commercial Chemistry can elect that subject for the entire four years of Chemistry, Inorganic, Analytical, Organic and Industrial.

Eight credits in Bible Study are required of all for graduation.

Suggested Four Year Course in Banking and Finance

Freshman Year

First Semester

Foreign Language	3
English	3
Mathematics	3
History	3
Accounting	3

Second Semester

Foreign Language	3
English	3
Mathematics	3
History	3
Accounting	3

Sophomore Year

Economics, Prin.	3
Foreign Language	3
Banking, Hist. Theory	3
English Literature	3
Psychology	3

Economics	3
Foreign Language	3
Banking Practice	3
English Literature	3
Psychology	3

Junior Year

Money, Foreign Exchange and Wall Street	3
Business Efficiency	3
Theory Accounting	3
Economic History of Europe	3
Foreign Language	3

Corporation Finance	3
Business Organization	3
Theory Accounting	3
Economic History of Europe	3
Foreign Language	3

Senior Year

Commercial Law	3
Investments	3
Economic History of America	3
Sociology	3
Office Management	3

Commercial Law	3
Investment Averages	3
Economic History of America	3
Social Psychology	3
Business Correspondence	3

Eight credits are required of all for graduation.

Suggested Four Year Course for Commercial Teachers

Freshman Year

First Semester		Second Semester	
English	3	English	3
Mathematics	3	Mathematics	3
History	3	History	3
Principles, Accounting	3	Principles, Accounting	3
Elective	3	Child Study	3

Sophomore Year

Psychology	3	Psychology	3
Economics, Principles	3	Economics, Principles	3
English Literature	3	English Literature	3
Political Science	3	Political Science	3
Business English	3	Business Correspondence	3

Junior Year

Principles of Education	3	Principles of Education	3
Commercial Law	3	Commercial Law	3
Business Efficiency	3	Business Organization	3
Economic History of Europe	3	Economic History of Europe	3
Theory Accounting	3	Theory Accounting	3

Senior Year

General Methods	2	School Management	2
History of Education	2	History of Education	2
Economic History of America	3	Economic History of America	3
Sociology	3	Social Psychology	3
Office Management	3	Business Correspondence	3
Elective	3	Elective	3

Eight hours credit in Bible Study are required for graduation.

Arrangements may be made with the Commercial Department for Shorthand and Typewriting if this has not been taken before. Higher Accounting or Reporting may be elected in the Senior year.

Suggested Four Year General Course for Secretarial Service

Freshman Year

First Semester	
Foreign Language -----	3
English -----	3
Mathematics -----	3
Principles, Accounting -----	3
History -----	3

Second Semester	
Foreign Language -----	3
English -----	3
Mathematics -----	3
Principles, Accounting -----	3
History -----	3

Sophomore Year

Business English -----	3
Foreign Language -----	3
Psychology -----	3
Economics, Principles -----	3
Political Science -----	3

Business Correspondence -----	3
Foreign Language -----	3
Psychology -----	3
Economics, Principles -----	3
Political Science -----	3

Junior Year

Business Efficiency -----	3
Commercial Law -----	3
Money and Banking -----	3
Theory Accounting -----	3
Journalism -----	2

Business Organization -----	3
Commercial Law -----	3
Private Secretarial Duties -----	2
Commercial Geography -----	3
Theory Accounting -----	3

Senior Year

Office Management -----	3
Economic History of America -----	3
Sociology, Principles -----	3
Labor Problems -----	2
Foreign Correspondence and Exchange -----	3

Psychology of Advertising -----	3
Economic History of America -----	3
Social Psychology -----	3
Insurance -----	2
Corporation Finance -----	3

Eight hours credit in Bible Study are required for graduation.

This course presupposes a working knowledge of Typewriting and Shorthand. If this has not been secured before enrolling in the Freshman class arrangements can be made with the Commercial department for it.

EDUCATION

Professor Harrison

2—Child Study

A study of the child during the first twelve years; his physical and mental development and characteristics, and the bearing of these facts upon educational principles and practice.

First semester, three hours, three credits.

3—General Method

This course considers practical problems in teaching with a view to their application. Observation work. Required of both the two year and four year students. One semester, two hours, two credits.

4—School Management

The problems of organization and class-room management are considered in this course. The practical application of psychology to the subject are pointed out. Readings, discussions, observations and reports.

Second semester, two hours, two credits.

5—History of Education

A study of educational thought among early peoples, and the ancient classical nations, and the rise of Christian education. Required of all candidates for First Grade certificates.

One semester, two hours, two credits.

6—History of Education

The development of education from the Renaissance to the present time. Required of all candidates for certificates.

One semester, two hours, two credits.

7 and (8)—Principles of Education

The fundamental principles underlying the educative process. Prerequisite, Psychology. Required for a first grade state certificate. Two semesters, two hours, four credits.

(Even numbers denote second semester courses. Parentheses show that a course can not be split.)

9—Educational Psychology

A detailed study of the learning process, and a consideration of the educational significance of such problems as instinct, memory, habit, learning, practice, and fatigue. Prerequisite, Psychology. One semester, two hours, two credits.

10—Social Education

An analysis of education as a social process. An attempt is made to relate education to vital experience.

One semester, two hours, two credits.

THE STANDARD REQUIREMENTS FOR FOUR YEAR TEACHER'S COURSE—ACCREDITED

Graduates of the four year college course are entitled to receive the First Grade State Teacher's Certificate without further examination. The college course must include fourteen hours of education and six hours of psychology. The following courses constitute the work in Education:

1. Psychology: Six semester hours.

2. Education: Fourteen semester hours.

(a) Principles and science of education. Limited to eight semester hours.

(b) History of education. Limited to eight semester hours.

(c) General and special methods of teaching. Limited to four semester hours,—two hours of general methods must be taken in the department of Education.

Note: Under this head accredited colleges may offer courses in methods of teaching secondary subjects to students who have made majors of these subjects.

(d) Electives in professional courses:

History of Industrial and Vocational Education.

Child Study.

History of Philosophy.

Adolescence.

Organization of the High School.

The High School Curriculum.

The High School Student.

Secondary Education.

Supervision or School Administration.

Note 1: No credit will be given for any course in Education which requires less than two hours in one semester.

Note 2: A college of Liberal Arts may offer Psychology as early as the sophomore year and not to exceed six semester hours of work in Education in the first two years.

THE STANDARD REQUIREMENTS FOR A TWO YEAR TEACHER'S COURSE—ACCREDITED

For the Third Grade State Certificate, Department of Public Instruction, State of Iowa.

Specifications

1. Fifteen secondary units are required for admission.
2. The teacher's course must consist of seventy-two weeks.
3. One-fourth of this course shall be given to pedagogical subjects including psychology, school management, history of education, and methods of instruction.

Freshman Year

First Semester

Mathematics -----	3
English -----	3
Chemistry -----	5
Psychology -----	3
Public Speaking -----	2

Second Semester

Mathematics -----	3
English -----	3
Chemistry -----	5
Psychology -----	3
Public Speaking -----	2

Sophomore Year

History -----	3
English -----	3
Biology -----	4
Gen. Method -----	2
Child Study -----	3

History -----	3
English -----	3
Biology -----	4
Hist. of Education -----	2
School Management -----	2
Elective -----	2-3

Owing to the more exacting terms of accrediting High Schools, the two year courses are no longer recommended for accredited High School work. The High Schools are demanding the four year courses. However, students from these two year courses can secure positions in the unaccredited High School, in the Grades, in rural schools and in many consolidated schools.

ENGLISH

Professor Wilcox

The courses of the department are intended to serve five main purposes:

(1) To train students in the use of English as a means of expression and communication for the ordinary demands of social, commercial, and professional life; (2) To continue that training to suit the special needs of those who intend to take up journalistic or literary work; (3) To develop the literary sympathy and appreciation and to extend the knowledge of those who find in English and American literature the readiest means of obtaining the advantages of a liberal education; (4) To prepare teachers of English for school work; (5) To fit students for and assist them in scholarly investigation. The following courses will be found, directly or indirectly to meet these ends.

Those wishing to major in English should take Course 2, and six hours beyond the required courses, 1 and 7. Those taking major work in this department will consult with the Head of the department before enrolling for junior and senior work. Students wishing a recommendation from the department for the teaching of English are advised to take Course 10.

Before a student is allowed to enter 1-a or 1-b, he must show by a written test his ability to express himself in clear, correct English. No student will be passed in this test and permitted to pursue a course in college English whose work shows serious weakness in spelling, punctuation, grammar, sentence, or paragraph structure.

The applicant must also have had a thorough study of at least ten of the English classics on the list of uniform college entrance requirements in English, or their equivalents.

A knowledge of the history of English literature or of American and English literature is desired. In such study emphasis should have been placed on general movements and tendencies in literature, and the greater part of the time should have been devoted to the reading and study of selections from representative authors of each period.

A—Sub-Collegiate Composition and Rhetoric

This course is for those who have not had sufficient preparation to pass the entrance test in Freshmen English and will consist of intensive composition and grammar work. Three hours a week; no college credit.

1—Freshman Composition and Rhetoric

An effort is made in this course to show the practical value of spoken English; to make students appreciate the fact that the person who uses correct English is a force in the community. Written work is also required. The themes of the students receive both class and individual attention. Required of all freshmen.

If after passing course 1, a student is reported deficient or careless in English composition, he may be required to take additional work in that subject.

a. The work of the first quarter of the semester will consist in practice in writing English prose, with observation of the principles involved. In the second quarter of the semester narration with description will be studied. Representative illustrations will be found in library books and magazines

First semester, three hours, three credits.

b. Practice in descriptive and expository writing. Reports and letters. Selections will be studied.

Second semester, three hours, three credits.

c. College Business English.

Taken for credit only by student in our Commercial course, and by seniors preparing to teach the subject. The work of the first semester will consist in practice in writing English prose, observing the principles involved, and their application to the special problems of business. Business reports and business letters.

Text: Lewis' Business English.

First semester, three hours, three credits.

d. This course is a continuation of 1-c. Narration, description, exposition and argumentation, as used in business will be studied and themes written. Advertisement English.

Text: Lewis' Business English.

Second semester, three hours, three credits.

2—Literary Forms

Offered in 1919-1920.

a. Required of those majoring in English; a study of the essential elements of poetry and of English verse forms. Modern writers as far as possible will be read for the study of poetic forms. A short time will be spent on the modern drama. Note book and oral reports required.

Text: Gummere's Handbook of Poetics.

First semester, three hours, three credits.

b. Analysis of prose selections will be made. Occasional theme work will be required.

Text: Genung's Rhetorical Analysis.

Second semester, three hours, three credits.

3—Victorian Age

Offered 1919-1920.

Reading and interpretation; assignments and reports; papers on topics suggested by reading. Open to juniors and seniors.

a. Tennyson.

First semester, three hours, three credits.

b. Browning.

Second semester, three hours, three credits.

4—The English Drama

Omitted in 1919-1920.

Open to juniors and seniors.

a. A study of the development of the English drama from the earliest Greek period through the Elizabethan Age. The laws of the drama. Representative plays from each period of its development. Extensive readings and reports.

Text: Matthews' The Development of the Drama.

First semester, three hours, three credits.

b. A study of the following works of Shakespere; Love's Labors Lost, Midsummer Night's Dream, Richard III, Romeo and Juliet, Henry V, As You Like It, Twelfth Night, Hamlet, Othello, King Lear, Coriolanus, The Tempest.

Second semester, three hours, three credits.

7—English Literature

A general survey of the subject. Required of all students. The aim of the course is to make clear the relation of the writer to his own age, and of one age or period to another. Each age, with its characteristics and writers, will be studied as a unit. Collateral readings; note book; occasional papers.

Texts: Moodey and Lovett's The History of English Literature; The Century Readings in English Literature.

a. From 449 to the age of Pope.

First semester, three hours, three credits.

b. From the age of Pope to the twentieth century.

Second semester, three hours, three credits.

8—The Short Story

Omitted 1919-1920.

The short story as a distinct literary form. Study will be confined to the American short story.

First semester, three hours, three credits.

9—American Literature

Omitted 1919-1920.

A general survey of the subject will be made. The aim of the course is to make clear the relation of the writer to his own age; and of one age to another. Each age, with its characteristics and writers will be studied as a unit. Collateral readings; and note book.

Second semester, three hours, three credits.

10—Teacher's English Course

Offered in 1919-1920.

This course includes a review of English grammar; a study of the history and formation of the English language; a review of the classics required for college entrance; the methods of teaching elementary rhetoric and composition; papers; discussions; and some practice teaching.

Text: Lomer and Ashmun's The Study and Practice of Writing
Two semesters, two hours, four credits.

11—Journalism

Practice in newspaper reporting, in editorial work, in the preparation of special articles, and in other forms of journalistic writing. The history and development of the American press. Special talks on various phases of journalistic work. Hour to be arranged. Text: Bleyer's News Paper Writing and Editing.

Two semesters, one hour, two credits.

12—Advanced Composition

This course is planned to help the student to write effectively, and so far as possible, with creative power. Attention will be given to oral composition. Weekly themes, impromptu exercises, and reports on assigned subjects will be required. Recommended to students expecting to enter inter-collegiate contests.

a. Special study is given to the essay, together with a brief history of its development.

b. Forms of public address. Special study is given to the oration, together with a brief history of oratory.

Second semester, two hours, two credits.

FRENCH

Professor Benedict

Open to students of any year in college. Less than two years of French will not be advised. Less than one year will not receive credit. The methods employed will be in accord with the demands of the present age. As high an efficiency as possible will be produced in the writing, reading, and speaking of the language.

1-2. Elementary grammar. Reading of several easy modern texts. Careful attention to pronunciation. Use of the phonetic symbols to secure accuracy. Practice in writing and speaking in connection with the daily exercises. The entire year, three hours per week, six credits.

3-4. Review in grammar, composition and conversation. Translation of such authors as Daudet, Maupassant, Dumas, Merimee, and others. The rapid reading of many selections should develop the ability to read at sight works of interest to the modern student. The entire year, three hours per week, six credits.

5-6. French Literature, History, Drama, Fiction; selections to illustrate the development of French Literature from the early to the modern forms. Hugo, Balzac and others of the nineteenth century. The entire year, three hours per week, six credits.

7-8. History of French Literature, Corneille, Racine, Moliere and others of the seventeenth century. The entire year, three hours per week, six credits.

GERMAN

Professor Benedict

1-2—Reading and Composition

This course presupposes our two years of academy work and consists of advanced composition and readings from the classics.

Two semesters, three hours, six credits.

3-4—Present Day Writers

Readings from present day writers.

Two semesters, three hours, six credits.

5-6—Electives

For these years is offered a selection from the following courses which each cover one year, three times a week, six credits.

1. History of German Literature with reading of several masterpieces.

2. Readings in modern German literature.

3. Life and works of Goethe.

4. Life and works of Schiller.

5. Teachers' course for those purposing to teach German in High Schools.

BEGINNER'S COURSE

7-8. This is a course for collegiate students wishing to begin German.

Two semesters, five hours, six credits.

SCIENTIFIC GERMAN

9-10. A course in Scientific German. This course presupposes a knowledge of German equivalent to course 7-8.

Two semesters, three hours, six credits.

GREEK

Professor Fracker

A course in Beginning Greek is open to freshmen. A sufficient quantity is demanded to secure college credit according to number of hours taken. This provision is intended to meet the requirement of the student who contemplates entering the Gospel ministry. It will insure the preparation for the New Testament Greek.

The entire course is sufficient to present a major if that may be desired. The college courses leading to the usual B. A. degree are as follows:

1-2. Beginning Greek. The grammar, composition, Anabasis, and such other easy selections as may be found possible.

3. Homer. The Iliad is read and the study of the ancient literature, history and mythology of the Greeks, first semester, three hours, three credits.

4. Plato. Apology and Crito or the Phaedo. A study of ancient Greek philosophy. Second semester, three hours, three credits.

5. The Greek Orators. Lysias, Demosthenes and others. The characteristics of Greek Oratory, first semester, three hours, three credits.

6. The Greek Drama. Aeschylus, Euripides, Sophocles. The character and history of the Greek Drama, second semester, three hours, three credits.

7. The New Testament. A careful study of the grammar of New Testament Greek and of the differences from the classic Greek, first semester, three hours, three credits.

8. Grecian History required of all who major in Greek, second semester, two hours, two credits.

HISTORY AND POLITICAL SCIENCE

Professor Yost

1-2—European History (476-1917)

An economic political and social history of Europe from the 5th cent. to the present time. Problems of today are explained in so far as they relate to the past. All phases of the great war are taken up in so far as time will permit.

Three hours throughout the year, six credits.

3-4—American History

This course emphasizes the Economic as well as the Political and Social side of American History.

Three hours throughout the year, six credits. (Alternate years.)

5-6—History of England

This course emphasizes the Constitutional side of English History (Important for students specializing in History, Political Science or Law.)

Three hours throughout the year, six credits. (Alternate years.)

7—European History (1815-1917)

A detailed study of the great problems, economic, political and social which have confronted European Nations during the last 100 years.

Three hours, one semester, (alternate years,) three credits.

8—European History

European Consolidation and Colonial Expansion in the 17th and 18th Century.

Three hours, one semester, three credits. (Alternate years.)

9—Principles of Research

A course in the practical investigation of historical problems based upon extensive work in standard books, periodical literature and other material. Especial attention given to reports, book reviewing and criticism of material. This is especially valuable to those intending to pursue graduate work, and students majoring in History are strongly advised to elect it.

Three hours, one semester, three credits, (alternate years.)

10-11—American Government and Politics

A study of the development organization, powers, limitations and practical working of the National, State and Local government. With special attention to the study of the Government of the State of Iowa.

Three hours throughout the year, (alternate years,) six credits.

12—American Municipal Government

The growth of cities; their legal and social status; municipal organization in the United States, including mayor and council, commission, and city manager plans; municipal organization abroad.

Three hours, one semester, (alternate years), three credits.

13—Modern European Government

The political systems of France, Germany, Austria-Hungary, Italy, and Switzerland; constitutional beginning; political organizations; methods of legislation and administration; constitutional guaranties for the protection of individual rights.

Three hours, one semester, (alternate years), three credits.

14—Greek History

Rise, Fall and Contribution of Grecian History.

One semester, three hours, three credits.

15—History of Rome

Rise, Fall and Contribution of Roman History.

One semester, three hours, three credits.

HOME ECONOMICS

Professor Saterlie

Home Economics has been said to stand for the utilization of the resources of modern science and art to improve the home life. The home is the woman's realm and she should run her household on scientific and artistic principles. Home Economics, a general term including all the arts and sciences which centre about the home, is a wide field. It may be divided into Domestic Science and Domestic Art.

Domestic Science includes Chemistry, Physiology and Hygiene, Bacteriology and Biology in their relation to the home, cooking and serving of meals; the preparation, manufacture and cost of foods, dietetics, home nursing and invalid cookery, household accounts, household sanitation, etc.

Domestic Art includes the study of textiles, care and repair of clothing, sewing, design in relation to house furnishing and dress, hygiene of dress, economics of dress, etc.

If the woman is to be trained to run her household more intelligently in the future, teachers must be trained to introduce these subjects into the school curriculum. Especially is there an increased demand for graduates of four year courses in Home Economics as teachers.

1-2—Textiles and Clothing

1. Fundamental stitches and the use of the sewing machine. Designing and making of undergarments. Dress for cooking. Aprons, etc. Drafting and use of commercial patterns.

First semester. Three 2 hour Lab. periods. Two credits.

2. Study of textiles. Continue using drafted and commercial patterns as the basis for making skirts, waists and dresses. Darning, patching and mending.

Second semester. One recitation. Two 2 hour Lab. periods, 2½ credits.

3-4—Advanced Textiles and Clothing

3. Relation of ancient to modern dress. Study of figure, color harmonies. Apply in the making of woolen dress.

Prerequisite 1 and 2. First semester. One recitation, Two 2 hour Lab. periods, 2½ credits.

4. Millinery Textiles and Clothing: Study of the wearing of different costumes for various occasions. Making of spring gowns. Designing and drafting patterns for hats, making of frames, various types of trimming, etc. Renovation of material, remodeling old hats, etc.

Prerequisite 3. Second semester. One recitation. Two 2 hour Lab. periods, 2½ credits.

5-6—Foods

5. History, composition, cost and economic value. Effect of heat upon typical foods. Apply to the cooking of foods for cafeteria use.

First semester. One recitation. Three 2 hour Lab. periods. Three credits.

6. Foods: Continuation of 5.

Prerequisite 5. Second semester. One recitation. Two 2 hour Lab. periods, 2½ credits.

7-8—Advanced Cooking

7. Food preservation; practice in making of the menu with reference to season, cost, etc. Marketing, planning and taking the responsibility for the meals served in the cafeteria.

Prerequisite 5 and 6. One recitation. Two 2 hour Lab. periods, 2½ credits.

8. Advanced Cooking: Continuation of 7.

Prerequisite 7. One recitation. Two 2 hour Lab. periods, 2½ credits.

9-10—Training in Teaching Home Economics

9. Courses of study, lesson plans, equipment and text books. History of Home Economic movement. Plan and present lessons. Assist in college classes.

Prerequisite completion of 1 semester. Junior year in home economics. First semester. Two recitations. Laboratory periods to be arranged. Three credits.

10. Training in Teaching Home Economics. Continuation of 9.

Prerequisite 9. Second semester. Two recitations. Laboratory periods to be arranged. Three credits.

11-12—Dietetics

11. Thorough and scientific study of foods in their relation to the daily needs of the family living under various conditions, influence of occupation, climate, race, age, and sex, upon diet.

Prerequisite, Chemistry and Physiology, also H. Ec. 8. First semester. One recitation. Two 3 hour Lab. periods, 3½ credits.

12. Dietetics: Continuation of 11.

Prerequisite 11. Second semester. One recitation. Two 3 hour Lab. periods, 3½ credits.

13-14—Applied Design

13. Principles of design; proportion, rhythm, balance. Applied to lettering, spacing, etc.

First semester. One recitation. Two 2 hour Lab. periods, 2½ credits.

14. Perspective, simple sketches. Apply principles of design and color harmony to useful articles and decorative posters.

Prerequisite 13. Second semester. One recitation. Two 2 hour Lab. periods, 2½ credits.

15-16—The House

15. Evolution of domestic architecture. Consideration of site, essential elements in planning construction. Water, heating, plumbing, ventilating and lighting system. Original plan for location. Sketch of exterior house plan.

Prerequisites 13 and 14. One recitation. Two 2 hour Lab. periods 2½ credits.

16. The House: Continuation of 15. Interior and complete furnishing of a house. Proportions, color schemes, coverings, draperies, etc. Sketches of color harmony for different rooms. Total cost of an ideal modern house.

Prerequisite 15. One recitation. Two 2 hour Lab. periods, 2½ credits.

17—Care of the House

Development of greater personal efficiency in relation to household duties through unit time, method, and motion studies. Technique of the care of the house is developed through laboratory work, dealing with the treatment of wood, metal, glass, textiles, etc.

Prerequisite Chemistry and Physics. Laboratory, one 2 hour period. Outside work one hour.

18—Household Management

Household management includes elements of a successful house-maker regarding standards of living, budget making, etc.

Two recitations. Two credits.

19—Home Nursing

Care of a patient under home conditions. Location, furnishing, temperature and ventilation of the room. Care and upkeep of room, care of the patient.

Prerequisite, Bact. One recitation. One credit.

20-21—History of Art

20 Sculpture. Development of an appreciation of plastic art. Evolution from the early periods to the present time.

Prerequisite 14. One recitation. One credit.

21. Painting. History of painting from early times to the present age. Appreciation of the different masters and their schools.

Prerequisite 20. Two recitations. Two credits.

22—Personal Hygiene

Sanitary care of the person, clothing and surroundings.

One recitation. One credit.

Textile Chemistry, Food Chemistry: See under Chemistry department.

Four Year Course in Home Economics for Teachers

This course leads to the degree of Bachelor of Science in Home Economics and the graduates are entitled to the First Grade State Teachers Certificate without examination by the state. Besides the required work in Home Economics and allied subjects, six hours of Psychology and fourteen hours of Education as outlined by the state are included. Thus with the special work in principles of Education and the methods of teaching, the student is thoroughly equipped to teach her chosen subject.

Suggested Outline of Four Year Course

Freshman Year

First Semester

H. Ec., Textiles and Clothing	2
H. Ec., Personal Hygiene	1
Chem. 1 General Chemistry	5
English 1	3
Choice, Mathematics or Language	3
H. Ec. 13 Applied Design	2½

Second Semester

H. Ec. 2 Textiles and Clothing	2½
H. Ec. 14 Design	2½
Chemistry 1	5
English 1	3
Choice, Mathematics or Language	3

Sophomore Year

H. Ec. 5 Selection and Preparation of Foods	3
Biology 1	4
Chemistry Organic	4
Education, Child Study	3
Psychology	3

H. Ec. 6 Selection and Preparation of Foods	2½
Chemistry Food Chemistry	2
Chemistry, Textile Chemistry	2
Biology 1	4
Education, School Management	2
Psychology	3

Junior Year

H. Ec. 3 Advanced Textiles and Clothing	2½
H. Ec. 7 Advanced Cooking	2½
H. Ec. 15 The House	2½
Biology 8	4
H. Ec. 17 Care of the House	1
Education, History of Ed	2
English	3

H. Ec. 4 Millinery Textiles and Clothing	2½
H. Ec. 8 Advanced Cooking, Serving Meals	2½
H. Ec. 16 The House	2½
Biology 7	4
Education, History of Ed	2
English	3

Senior Year

First Semester

H. Ec. 9 Demonstration and Training in Teach- ing -----	3
H. Ec. 11 Dietetics -----	3½
H. Ec. 20 History of Art (Sculpture) -----	1
Elective -----	3
Education, General Method -----	2
Education, Principles -----	2

Second Semester

H. Ec. 10 Demonstration and Training in Teach- ing -----	3
H. Ec. 12 Dietetics -----	3½
H. Ec. 19 Homes Nursing -----	1
H. Ec. 21 History of Art (Painting) -----	2
H. Ec. 18 Household Management -----	2
Education, Principles -----	2
Education, High School -----	2

Eight credits in Bible are required for the B. S. in H. Ec. degree.

Two Year Course in Home Economics for Teachers

Students completing this course are entitled to receive the preliminary third grade state teachers certificate without state examination. This is planned for the student who wishes to specialize in Home Economics and cannot spend four years preparing herself to teach. Positions are open in small High Schools and in grade schools any where in the state.

Freshman Year

First Semester

H. Ec. 1-a Textiles and Clothing -----	2
H. Ec. 5a Foods -----	3
Biology—Physiology and Hygiene -----	2
Chemistry -----	5
Psychology -----	3

Second Semester

H. Ec. 1a Textiles and Clothing -----	2½
H. Ec. 6a Foods -----	2½
H. Ec. 13a Design -----	1½
Chemistry -----	5
Psychology -----	3

Sophomore Year

First Semester

H. Ec. 3a Dressmaking -----	2½
H. Ec. 7a Food Study -----	3½
H. Ec. 14a Costume Design -----	1½
Gen. Method -----	2
Child Study -----	3
English 1 -----	3

Second Semester

H. Ec. 4a Millinery and Dressmaking -----	2½
H. Ec. 8a Food Study -----	1½
H. Ec. 9a Theory and Practice -----	2
H. Ec. 15a The Home -----	1½
H. Ec. 18a Household Management -----	1½
History of Education -----	2
School Management -----	2
English 1 -----	3

1a-2a—Textiles and Clothing

1a. Fundamental stitches in handmade apron, alter commercial patterns to measurements, method of making cooking aprons, methods of furnishing, estimate cost, make undergarments.

Three 2 hour Lab. periods. Two credits.

2a. Development of the textiles. Darning, patching, mending. Continue use of commercial pattern and make undergarments that are needed, two cooking dresses and a spring dress.

Prerequisite 1a. One recitation. Two 2 hour Lab. periods, 2½ credits.

3a-4a—Dressmaking

3a. A plain waist, a linen dress, a dress and a silk gown or a substitute subject to the approval of the instructor.

Prerequisite 2a. One recitation. Two 2 hour Lab. periods, 2½ credits.

4a. Millinery and Dressmaking.

Different kinds of frames; use of glue and stitches, trimmings, renovation of hat material, designing and making graduating dress.

Prerequisite 3a. One recitation. Two 2 hour Lab. periods, 2½ credits.

5a-6a—Foods

5a. Efficiency in handling equipment, food composition, classification, digestion, food and fuel value of foods, menu, practice work in connection with cafeteria.

One recitation. Three/2 hour Lab. periods. Three credits.

6a. Continuation of 5a.

Prerequisite 5a. One recitation. Two 2 hour Lab. periods, 2½ credits.

7a-8a—Food Study

7a. Planning menu for an average family on limited income. Food preserving, all work related to cafeteria meals.

Prerequisite 6a. Two recitations. Two 2 hour Lab. periods, 3½ credits.

8a. Foods and diet related to diseases. Application of principles taught, making of more elaborate dishes.

Prerequisite 7a. One recitation. One 2 hour Lab. period, 1½ credits.

9a—Theory and Practice

The working out of the relation of the subjects of instruction including in a complete Home Economics course. Lesson plans, courses for grade schools, etc.

Second semester, second year. One recitation. Lab. to be arranged, also outside work. Two credits.

13a—Applied Design

Principles of design, including color, drawing, block printing, lettering, monograms, etc.

Two 2 hour Lab. periods, 1½ credits.

14a—Costume Design

Application of art in dress, study of line, color, etc. Designs for costume made in dressmaking 3a.

Prerequisite 13a. Two 2 hour Lab. periods, $1\frac{1}{2}$ credits.

15a—The Home

Site, plan, cost, etc. Care of floors, walls. Consider furniture, pictures, etc. Pencil drawings.

One recitation. One 2 hour Lab. period, $1\frac{1}{2}$ credits.

18a—Household Management

Principles involving care of the house; budgets, etc.

One recitation. One 2 hour Lab. period, $1\frac{1}{2}$ credits.

LATIN

Professor Fracker

This course will be open to those who have had two years of Latin in the High School. It will meet the requirements for the major in Latin for the A. B. degree with the completion of the last two years of Latin in the preparatory course. Courses C and D will be found in Academy.

C. Cicero, Orations

Six orations will be read and a careful review of grammar and composition. Five hours per week, three college credits, per semester.

D. Virgil, Aeneid

Six books read and a thorough study of the poetic, historical and mythological character of the work. Five hours per week, three college credits, per semester.

1-2—Freshman Course

First semester. Livy, Books XXI and XXII, Selections. Three hours per week, three credits.

Second semester. Cicero, *De Senectute* et *De Amicitia*. Three hours per week, three credits.

3-4—Sophomore Course

First semester, Horace, Odes and selections from Epodes, and Satires. Study of meters and poetic style of the author. Three hours per week, three credits.

Second semester, Tacitus, *Germania* et *Agricola*. Study of Historical Latin, style of author. Three hours per week, three credits.

5-6—Elective Courses for Juniors and Seniors

First semester. Selected Plays of Plautus and Terence or other like productions. Three hours, three credits.

Second semester. Pliny, Cicero, Letters. Three hours, three credits.

7-8—Elective Courses for Juniors and Seniors

First semester. Roman History. Required of all who major in Latin. Two hours, two credits.

Second semester. Roman Antiquities. This course will include an historical review of the development of the Latin Language. Two hours, two credits.

Prose composition assigned to the Freshmen and Sophomores.

MATHEMATICS

Professor Stahl

1—College Algebra

This course includes the use of the graph, progressions, the binomial theorem, logarithms, complex numbers, the theory of equations, determinants, series, partial fractions, permutations, combinations, and probability.

First semester, three hours, three credits.

2—Trigonometry

A standard course covering the usual topics in the subject. Many practical problems.

Second semester, three hours, three credits.

3-4—Analytic Geometry

Prerequisites, courses 1 and 2.

An elementary treatment of the locus of an equation; the study of the straight line; conic sections; an introduction to the geometry of three dimensions.

Two semesters, three hours, six credits.

5-6—Calculus

Prerequisite, course 3.

A course covering different and integral calculus, including its simpler applications and practical illustrations.

Two semesters, three hours, six credits.

7-8—Averages and the Mathematics of Investments

A course open to all collegiate students but especially designed to meet the needs of those training for commercial careers and for the public service. It includes interest, annuities, the extinction of interest bearing debts by periodic payments, the valuation of bonds, sinking funds, depreciation, building and loan associations, probability, insurance, the use and abuse of different kinds of averages, and statistics.

9—Elective Advanced Courses

Students electing to continue mathematics beyond these years may select from the following courses:

a. Advanced Calculus—first semester, Differential Equations—second semester.

b. Advanced Averages and the Mathematics of Investments—first semester, and Advanced Algebra—second semester.

PHILOSOPHY AND PSYCHOLOGY

Professor Harrison

1 and (2)—Psychology

This course is designed to give a general knowledge of psychology. First semester, a study of the physical basis of mental life and of sensory experience. Second semester, the more complex mental processes. Required of all candidates for a first or a third grade state certificate. Two semesters, three hours, six credits. Required of Freshmen or Sophomores in Teachers' Courses.

3—Logic

A study of the fundamental principles of deductive and inductive reasoning. Reading and discussions. Not open to Freshmen or Sophomores.

First semester, three hours, three credits.

4—History of Philosophy

A survey of Greek philosophy and of the rise of Christian thought. First semester, three hours, three credits.

5—History of Philosophy

The development of philosophical thought from the Middle Ages through the nineteenth century, including English empiricism, the problem of epistemology, naturalism, and German idealism. Second semester, three hours, three credits.

Ethics will be found described under the Bible department.

PUBLIC SPEAKING

Professor Swisher

Aim and Methods

The work in Public Speaking is so personal that it is difficult to indicate clearly in words its peculiar character.

The department is one of training. The needs of every student are carefully studied and fundamental exercises prescribed for unfoldment. The student receives suggestions and advice regarding the simplest habits of his life. The well known transformation for good that comes to students requires regularity, consecration and fidelity.

Every student is expected to find himself. He is given such work as to make his impressions more adequate and awaken his inner life and this life is tested by the simplest expression and conversation. Speaking and interpretation of literature test and reveal his real possibilities and powers to himself. It is the aim of this department to harmonize right impression and right expression as necessary to every human being.

1—Essentials of Public Speaking

Course in Vocal Training and Vocal Expression. Special training in Rhythm, in Action and Reaction, Flexibility and Health.

Two hours, two semesters. Four credits.

2—Argumentation and Debate

Detailed study of the essential steps in Debate. Practice in formal Debate.

Two hours, two semesters, four credits.

3—Drama Presentation

A laboratory course in producing plays designed for practice work and a development of a nice appreciation of Dramatic Art.

Two hours, two semesters, four credits.

4—Extemporaneous Speaking

Informal public address. Practice in speaking for various occasions, after-dinner speeches, and in general, speaking "as a craft."

Two hours, one semester, two credits.

5—Intercollegiate Debate

Open to students who wish to try out for the intercollegiate debating teams. To receive credit for debate, typewritten copies of debate must first be filed with the chairman of the Faculty committee on Oratory and Debates.

Two credits to members of intercollegiate teams. One credit to alternates.

6—Lecture Work

Principles of lecturing and demonstrating, open to Seniors and Home Economics Department only.

Thinking upon the feet. Use of body and voice for success in all departments of life.

Two hours, two semesters, four credits.

7—Oratory

Detailed study of the essential steps of Oratory. Laboratory course in the delivery of formal orations.

Two hours, two semesters, four credits.

8—Course for Public School Teachers

Course in vocal Training, Vocal Expression, methods of teaching reading.

Saturday morning and afternoon.

9—Private Lessons to Meet Individual Needs

Courses in expression; courses for stuttering, stammering, defective articulation, sore throats from misuse of the voice.

PHYSICS

Professor Miller

1—Physics

Mechanics, Molecular Physics, and Heat. Mechanics of solids and fluids including the simple machines. Problems dealing with Newton's Laws of Motion, Young's modulus, Moment of Inertia, Levers, Pulleys' Inclined planes, etc. Efficiency and Mechanical advantage of machines.

In connection with molecular physics such subjects as capillarity, surface tension, Boyle's Law, and Charles' Law are considered and the practical application of the same.

In conjunction with heat, emphasis is placed on heat transfer, calorimetry, and thermodynamics. A brief study is made of gas and steam engines and the operation and efficiency of each. Also in this course a study is made of the different types of heating systems and ventilation.

Prerequisites, General Physics, and Trigonometry.

Four hours laboratory work. Two hours lecture and recitations, four credits. First semester.

2—Physics

Electricity, Sound, and Light. Magnetism, Static and Current Electricity. Batteries and battery connections, Electrolysis, Electroplating. Ohm's Law and its application, Circuits and their resistance, Electrical work and power, Dynamos and Motors, Direct and Alternating Currents, Induction coils, Condensers, Wireless telegraphy and all new phases of electricity.

Sound: Wave study, Transmission of sound, Velocity of sound through solids, liquids, and gases. Microphones, telephones, and the musical scale.

Light: Reflection of light and its governing laws, Transmission of light, Study of wave length and its relation to color, Spectrum analysis, Refraction of light and formation of the spectrum, Intensity of light and lighting systems.

Prerequisites: General Physics and Trigonometry. Four hours laboratory. Two hours lectures and recitation, four credits. Second semester.

SOCIOLOGY

Dr. Olinger

1—Elements of Sociology

A survey of the origin, structure and organization of society, the functions of the various social groups, the relation of society to heredity and environment, a general theory of society.

First semester, three hours, three credits.

2—Social Pathology

General study of poverty, pauperism, unemployment, epilepsy, insanity, degeneracy and their causes, prevention and cure. Social conditions of the slums, rural population, housing of the poor, social maladjustment, and occupational diseases.

Second semester, three hours, three credits.

3—Labor Problems

A thorough discussion of the chief social and economic questions arising from present labor conditions and the principal remedies for them.

First semester, three hours, three credits.

4—Social Psychology

The individual mind in relation to the social mind, the international mind and world democracy will receive special attention. Normal social phenomena as public opinion, principles of leadership, democracy, customs and conventionality will be studied; also abnormal social phenomena as the mob-mind, craze, fashion and innovation.

Second semester, three hours, three credits.

Open only to juniors and seniors.

SPANISH

Professor Benedict

1-2—Beginning Course

This course is for college students wishing to take up Spanish.
Two semesters, five hours each, six credits.

3-4—Reading and Composition

This will be a course in reading of simple texts, with the purpose of attaining skill in conversation.

Two semesters, three hours, six credits.

4-5. This course will be for those who desire some further knowledge of Spanish Literature.

Two semesters, three hours, six credits.

SUB-FRESHMAN COURSES

Principal—Head of Department of Education.

Owing to the fact that the High School and the Consolidated School have become such prominent factors in the education of the State, Buena Vista College has dropped the first two years of its Academy course. The third and fourth years have been retained in order to provide the necessary Sub-Freshman work for students entering before completing the full High School course or who may have college entrance conditions to remove. Courses in first and second years may be provided for if there is a call for them.

Admission: Students who give satisfactory evidence of having completed the studies covered by the eight grades of the public school course and of the ninth and tenth of the high school will be admitted to the third year classes.

Requirements for Graduation

For graduation from the academy thirty credits are required. A credit is obtained when a study is carried for one semester, or eighteen weeks, with recitation five times a week. A recitation period is fifty minutes in length. A laboratory period equals two recitation periods in length.

The following subjects are required for graduation, viz.—

Foreign language.....	Minimum four, maximum eight credits
English.....	Minimum six, maximum eight credits
History.....	Minimum two, maximum eight credits
U. S. History and English Grammar accepted only if taken in the third or fourth year.	
Mathematics.....	Minimum five, maximum eight credits
Laboratory science.....	Minimum two, maximum nine credits

The remaining credits are electives.

Notes on the Sub-Freshman Courses

1. The maximum amount of work a student may take is twenty hours a week unless special permission is obtained from the Faculty to enroll for more.

2. Language. The following work is offered: Latin lessons and Caesar, Cicero, Virgil; German grammar and readings; French grammar and readings; Spanish.

3. English. Composition, Rhetoric, English Literature, American Literature; uniform college entrance requirements in the classics.

4. History. Ancient, Medieval and Modern, American (after Ancient), English, Civics.

5. Mathematics. Algebra (required), Plane Geometry (required), Arithmetic (after Algebra).

6. Science. Physics, (preferred), Botany, Physiology, Zoology.

7. Commercial and Miscellaneous branches. Eight credits may be obtained from Commercial Law, Commercial Geography, Double-entry Bookkeeping, Business Correspondence, Stenography and Typewriting.

Four credits may be obtained in the following: Agriculture, Household Economics, Education.

COURSE OF STUDY

Third Year

First Semester	
Required	
Geometry	5 hours
History	5 hours
English D	5 hours
Electives	
Civics	5 hours
Latin C	5 hours
Greek A	5 hours
Education	5 hours
Spanish	5 hours
French	5 hours
Zoology	5 hours

Second Semester	
Required	
Geometry	5 hours
History	5 hours
English D	5 hours
Electives	
Economics	5 hours
Latin C	5 hours
Greek A	5 hours
Education	5 hours
Home Economics	5 hours
Spanish	5 hours
French	5 hours
Zoology	5 hours

Fourth Year

First Semester

Required
 Science -----5 hours
 English C -----5 hours

Electives

Latin D -----5 hours
 Greek B -----5 hours
 Education -----5 hours
 Botany -----5 hours
 Home Economics -----5 hours
 Spanish -----5 hours
 French -----5 hours

Second Semester

Required
 Science -----5 hours
 English C -----5 hours

Electives

Latin D -----5 hours
 Education -----5 hours
 Greek B -----5 hours
 Botany -----5 hours
 Home Economics -----5 hours
 Spanish -----5 hours
 French -----5 hours

Two years of any one language are required for unconditional college entrance.

A Beginning Latin Class will be formed for four students.

Third semester Algebra will be given for those students who have not had it in High School.

BOTANY

A general introductory course in Botany consisting of recitations and laboratory work. A definite knowledge of the forms, relationships, and activities of plants is obtained. Text, Bergen and Caldwell's "Practical Botany."

Five hours, two semesters.

EDUCATION

A. Didactics. Two semesters. An elementary and general course comprising a study of school management, organization, and methods of learning and teaching.

B. Art of Teaching. First semester. A study of the aim and fundamental principles of teaching. Methods of teaching, general and special, are carefully considered with regard to their functions and limitations.

C. School Management. Second semester. The practical side of school activities is considered with special emphasis on such topics as the personality of the teacher, routine, discipline, incentives, programs.

ENGLISH

C. English Literature. Text: Halleck.

D. American Literature. Text: Long.

Notebooks and book reviews required in both courses.

GREEK

A. Lessons. Text: First Greek Book, White; Grammar, Goodwin.

B. Anabasis. The second semester's work is a continuation of the first with the introduction of the Anabasis and composition when the beginner's work is completed.

FRENCH, SPANISH

An academy course in one of these languages will be given five hours a week, if requested by not less than four students. Requests to be made to the Class Work committee.

HISTORY

A. Medieval and Modern History. One semester, five hours, one credit. Myer's Medieval and Modern History.

B. English History. First semester, five hours, one credit. Cheney's English History.

C. American History. Second semester, five hours, one credit. James and Sanford's American History.

CIVICS AND ECONOMICS

Civics. First semester, five hours, one credit. James and Sanford's Government in State and Nation.

Economics. Second semester, five hours, one credit. Ely and Wicker's Elementary Economics.

HOME ECONOMICS

Domestic Art

A. Elementary Cooking. The study of the food principles, practice in cooking, planning menus and serving. Twice a week.

Sewing. Hand and machine sewing, use of patterns applied to useful articles. Twice a week.

House Management. Planning, furnishing and care of the house. Once a week.

First semester. Laboratory 5, 2 hours, one credit.

B. Continuation of H. E. A.

Second semester. Laboratory 5, 2 hours, one credit.

LATIN

A. First Year. See "Course of Study," Fourth Year.

C. Third Year.

Cicero. The six Catilinarian orations, and one other writer are read. Construction work also has an important place.

D. Fourth Year.

Vergil. Six books of the Aeneid are read.

Text book: Bennett's Vergil and Gayley's Classic Myths.

MATHEMATICS

B. Plane Geometry. Two semesters.

C. Advanced Arithmetic. One semester.

D. Advanced Algebra. One semester.

E. Solid Geometry. One semester.

PHYSICS

Physics A. Elementary Physics. A year's course in the systematic study of the fundamental principles of physics. Excellent equipment for laboratory work is available.

Prerequisite, Algebra.

Thoroughout the year, three recitations and two laboratory periods per week.

PHYSIOGRAPHY

In this study drainage, land sculpture, vulcanism, climate, glaciation, and the influence of political environment on life-forms will be especially emphasized. Some time will be devoted to a study of the more common rocks and minerals, thus laying a foundation for the study of geology, or for private field work if the student considers teaching. One semester.

ZOOLOGY

A general introductory course in Zoology.

The student is made acquainted with the forms of animals in the laboratory and in text book work.

Text Book: Linville & Kelley.

Five hours both semesters.

NON-COLLEGIATE COURSES

Commercial Department

Professor Abernathy

Mrs. Abernathy

In this department the work is arranged by terms instead of semesters.

Fall term begins September 10, winter term begins December 1, spring term begins April 5.

Students may, however, be admitted any Monday.

No Examinations

Students entering this department are not required to take entrance examinations.

Outline of Courses—Commercial

Fall Term—11 weeks, Winter Term—16 weeks, Spring Term—9 weeks.

Outline of Courses—Commercial

Arithmetic and Rapid Calculation
Penmanship
Spelling
Bookkeeping
English
Arithmetic, 2 classes
Spelling, 2 classes

Commercial Law
Bookkeeping
English
Arithmetic, advanced
Spelling
Penmanship
Punctuation
Bookkeeping, advanced

Shorthand and Typewriting

Fall Term

Shorthand
Typewriting
Spelling
Penmanship
English
Rapid Calculation

Winter Term

Shorthand, beginning
Shorthand, dictation
Typewriting

English
Rapid Calculation
Spelling
Penmanship

Spring Term

Shorthand, advanced
Shorthand, beginning
Penmanship
Spelling
Office practice
Punctuation and Composition

Bible Study

Commercial students are not required to take Bible study, but as a matter of business, a knowledge of the Bible is valuable, hence Commercial students are urged to take **regular Bible work** in the classes that are organized for this purpose.

Post Graduate Work

Work in higher accounting and reporting will be given to those desiring advanced commercial or stenography work.

Bookkeeping

This work is divided into two parts: Preliminary, which takes from three to six months, according to the ability of the student; and Advanced or office work which, as a rule, takes the average student three months. Some, however, complete the work in less time.

The college bank gives actual practice in banking which is valuable training for a student whether he expects to be a banker or not.

Commercial Law

In this subject the student is taught the common, every day laws governing business transactions. In this course the object is not to make lawyers of students, but rather to give practical information on points of common law.

Shorthand

We teach the Gregg system of shorthand which is rapidly becoming the universal system.

Shorthand offers to the ambitious young man or woman of today many advantages that are worth looking after. To the young woman desiring a means of making a livelihood, a knowledge of shorthand and typewriting will give better returns for the money and time invested than any other line of work known. To the young man who expects some day to be in business for himself and to be employer instead of the employee, work as a stenographer or bookkeeper in the office of a successful business man will be very valuable experience.

Penmanship

A knowledge of penmanship and the ability to write a legible hand is worth the cost of an entire course.

Other Studies

Commercial students who wish to avail themselves of the opportunity of receiving instruction in preparatory or collegiate subjects, may do so at the beginning of semester.

Business correspondence, composition, punctuation and rapid calculation are all given prominent places in this department.

Typewriting—We teach the touch method.

Typewriting Equipment is described elsewhere under equipment.

Shorthand Tests for Graduation.—To write 300 words in three minutes and transcribe it on the typewriter in thirty minutes. Each error discounts final result five words.

Typewriting Tests for Graduation.—To copy from manuscript at the rate of fifty words per minute for three minutes. Each error discounts final result one word.

Equipment

The success of any commercial school depends a great deal on the equipment. Our equipment is thoroughly modern in every respect; our typewriting department is supplied with Remington, Royal, and Underwood machines.

Instructors

The Commercial and Shorthand departments each have a principal who teaches the special branches while other classes are taken care of by teachers in the college and academy departments.

Graduation

Students who have passed a creditable examination in the subjects offered in this department will be granted diplomas.

Examination in shorthand and typewriting will consist of a series of tests mentioned elsewhere in this catalogue.

Positions

The demand for competent stenographers and bookkeepers is far in excess of the supply. It is not a question of position in this commercial age, it is a question of preparation. We could place a great many thoroughly prepared men and women right now. Think about your preparation and the position will be ready when you are ready.

In General

The advantage of a commercial department in connection with other departments of a college are many as compared with a purely business college.

The college proper cannot help but offer more in the cultural line than is found in the ordinary school offering purely business subjects. A great many organizations such as a literary society, Y. W. and Y. M. C. A. are found in Buena Vista College. Commercial students who avail themselves of their privileges are more than welcome.

The success of the past two years in this department has proved beyond question that the arrangement as stated above is a desirable one. The large attendance and the unusual interest in the work have been more than satisfactory.

Our students go into the best positions open to anyone.

Another feature of the work has developed that makes us certain that in connection with a college of liberal arts is the proper place for a student to take his commercial work. A number of our students have been taking work in the music department, while others have taken advanced English in the collegiate department.

All in all, we feel that those wanting work of this kind will do well if they decide to take their work with us.

The course is so arranged that the student can secure almost any amount of work he may wish from a few months up to two years. Those who find it impossible to enter at the beginning of the year may enroll at any time and pursue their individual work as rapidly as their ability and application will permit. We recommend, however, that all students make it a point to enter at the beginning of the term. (See calendar.)

Students From Other Schools

Students from accredited schools who can present passing grades in any of the branches will be allowed to take the remaining studies of the course and receive a certificate of graduation. Our instruction in bookkeeping and shorthand is given largely by the individual method; consequently students can progress as rapidly as they may choose.

AGRICULTURE

Professor Miller

All educational institutions should so arrange the curriculum as to satisfy the demands of the community upon which the institution depends for students and support. The present demand is for vocational education; an education that the student can put into immediate, practical use. For this reason the college is offering a two year, vocational, non-collegiate course in agriculture open to any young man who can successfully carry the work.

Farming is a business. Agriculture is a science. In these days of high prices and high land values, the farmer, in order to attain the highest achievement, must be a thorough business man. No other business is so intricate as farming. No other business requires as much skill in management. Buena Vista College is equipped to give the farmer a business education. Our commercial department, as described elsewhere in this bulletin is one of the best. Accounting, invoicing, marketing and other subjects of equal importance to the farmer are offered in this course.

The successful farmer is a scientist as well as a business man. A study of agriculture involves a consideration of Soil Chemistry, Bacteriology, Geology, Physics and many other sciences. In this course the time is not sufficient to deal with each science separately but they will be considered collectively in so far as they relate to a study of agriculture. In connection with a study of soil the following subjects will be offered:

(1) The chief chemical elements of the soil and their relation to soil fertility.

(2) Soil physics—factors affecting the tilth and physical condition of the soil.

- (3) Types of farming and their relation to soil fertility.
- (4) Teaching and fermentation of manure.
- (5) Fertilizers.
- (6) Effect of clover and other legumes on soil fertility.

In connection with the study of farm crops, each crop will be considered separately. The course will be divided as follows:

- (1) Preparation of seed beds.
- (2) Fertilizers.
- (3) Methods of planting.
- (4) Cultivation.
- (5) Harvesting and storing.
- (6) Plant breeding.
- (7) Seed selection and testing.

In connection with the course the following dairy topics will be considered:

- (1) Sanitation.
- (2) The dairy cow.
- (3) Milk—its care and production.
- (4) Testing dairy products.
- (5) Dairy equipment.

The course will consist of lectures, recitations, and field trips. The country around Storm Lake is a progressive agricultural community offering the best possible field for such work as live stock judging and field work. Upon satisfactorily completing the course the student will be given a certificate.

SCHOOL OF MUSIC

Faculty

Fred W. Wimberley, School of Music. Professor of Piano, Voice, Organ and Theoretical subjects.

Miss Robina Leonard, Piano. Extension Course.

Miss Elizabeth Ensign, Piano and assistant in Harmony, Normal Department.

Mr. Russell Ensign, Violin. Ensemble and Sight-reading.

The School

The school of music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education. Being part of a college of high rank, it gives a combined musical and literary course which develops and broadens the student's mental capacity and increases his musical possibilities.

The course is divided into three general classes: Teacher's certificate (not public school music,) Diploma, and Post-Graduate Course, leading to the degree Bachelor of Music, B. Mus.

Teacher's Certificate Course

This course has been arranged to meet the need of the student who desires to prepare for the teaching profession, not public school music, and upon completion of the required work (see schedule), a Teacher's Certificate will be granted.

Diploma Course

A four year course in practical and theoretical music for the professional musician and teacher. A diploma will be granted upon completion of the work as outlined.

Post-Graduate

(Leading to the Degree, Bachelor of Music, B. Mus.)

This course is open to all graduates of the school of music and to those of institutions of similar rank, upon presentation of diploma. Students coming from other colleges, when such colleges are not accredited with this school, may be required to pass an examination for entrance.

Requirements for Admission

Beginners are always welcome and there are no special requirements. It is not necessary that they take other work at the college. Preparatory students will receive every attention and parents contemplating a musical education for their children, will find it greatly to their advantage to enroll them in this department.

Special students may enter at any time and there are no entrance requirements. Students who enter the regular courses leading to Teacher's Certificate, Diploma, or the degree, Bachelor of Music, are required to take the following courses or present a certificate from some school of equal rank bearing the same number of credits. For admission to first year (Freshman) class, students will be examined in music of the third and fourth grades.

Four Year Course in Music

Freshman Year

First Semester

	Hours
1-2 Major Music	2
Piano, Voice, Violin, etc.	
1 Harmony	2
Theory, Sight-Singing	2
Ensemble	2
English	4
Foreign Language	4
Public Concerts	
	16

Second Semester

	Hours
Major Music	2
Harmony	2
Theory, Sight-Singing	2
Ensemble	2
English	4
Foreign Language	4
Public Concerts	
	16

Sophomore Year

4-5 Major Music	2
10 Minor Music	2
History of Music	2
3 Ensemble	2
English	4
Foreign Language	4
Concerts	
	16

Major Music	2
Minor Music	2
History of Music	2
Ensemble	2
English	4
Foreign Language	4
Concerts	
	16

Junior Year

6 Major Music	2
Counterpoint	2
Normal Teaching Class	2
Interpretation	2
Musical Analysis	2
Two electives in College	6 or 8
Recital	
	16 or 18

Major Music	2
Counterpoint	2
Normal Teaching Class	2
Interpretation	2
Musical Analysis	2
Two electives in college	6 or 8
Recital	
	16 or 18

Senior Year

7-8 Major Music	2
Canon and Fugue	2
Psychology of Music	1
Composition	2
History of Fine Arts	1
Ensemble	2
Electives	6 or 8
Recital from Memory	
	16 or 18

Major Music	2
Canon and Fugue	2
Aesthetics	1
Composition	2
History of Fine Arts	1
Ensemble	2
Electives	6 or 8
Recital from Memory	
	16 or 18

A candidate for a diploma must offer the usual 30 credits required from secondary schools before a diploma will be granted.

Minor Music. Piano students must select Voice, Violin, or other instrument as a minor for one year. Other students must minor in Piano for one year.

Post Graduate Course

	First Semester	Second Semester
	Hours	Hours
Major Music	4	4
Composition	2	2
Instrumentation	2	
Acoustics		2
Two Electives in College	6 or 8	6 or 8
Total hours	16 or 18	16 or 18

A candidate for the degree, Bachelor of Music must write an original composition for solo, organ, chorus or orchestra and give at least one public recital (from memory), and appear on the final commencement concert, playing all or part of a standard concerto (if a piano or violin student,) or an aria from opera or oratoria, if a voice student.

Piano

1 and 2. Preparatory. Students in oral and written technics for the development of fingers, hands, wrists and arms and for tone production, scales and arpeggios. Studies from Loeschhorn, LaCoupe, Gurlitt, Czerny and other recognized authors. Compositions selected from the works of standard composers.

3. More advanced studies in scales, arpeggios and preparatory octaves. Studies by standard authors and selections from such work as Mathew's Graded Course (book 3), or works of a similar character. Sonatas and compositions by Hayden, Mozart, Handel, Clementi, Beethoven, Foote, Seeboeck, Bach and such other compositions as shall tend to develop a knowledge of musical form and interpretation. Ear training and Elementary Theory. Harmony 1.

4 and 5. Major and all forms of minor scales, octaves, all forms of arpeggios, lighter composition of Bach, more advanced etudes and composition of Schumann, Schubert, Mendelssohn, Godard, Raff, Sinding, Grieg and others. Sight reading and Harmony 2.

6. Bach Inventions, Cramer-Bulow Etudes, Kullak, Czerny, Moscheles, etc. Selected compositions and recital work, history and counterpoint.

7 and 8. Bach (Preludes and Fugues), Clementi—Tausig (Gradus ad Parnassum.) Etudes by Henselt, Chopin, Mocheles, Sinding, Raff and others. Graduation recital. Fugue and interpretation.

9 and 10. Post Graduate Course. Advanced technics; concert etudes and compositions of classic and modern composers. Students in this class will be required to give at least one public recital and must have studied not less than two concertos, one of which must be offered as part of the commencement program. Composition, conducting and interpretation.

Voice Culture

1. Exercises for the development of breath control; tone placing, equalization of registers, scales, intervals and arpeggios. Studies from Abt, Panofka, Bordogni, Concone, Lamperti, etc. Easy songs for phrasing and enunciation; sight singing and chorus practice.

2. Continuation of first year's work, all forms of major and minor scales; arpeggios, trills and embellishments; vocalises from Vacchi, Concone, Lamperti, Salvator Marchesi, Matilda Marchesi and others. English, Italian and German songs; recital and chorus work.

3. Advanced technic; songs from the classic writers, viz.: Schumann, Schubert, Brahms, Beethoven, Abt, etc. Arias from the standard operas and oratorios. Experience in concert, choir and church singing. Recital, Theoretical work same as given under piano. Piano one year.

Violin

1. Schradieck, (First book), studies for the production of a good tone and control of the bow; intervals, preparatory scales and arpeggios. Studies by Sitt, Hermann, Keyser, Dancila, and others. Pieces in first to third position.

2. Schradieck; (scales and chords), Dominant and other seventh chords; studies by Keyser, Dancila, David, Papini, Mazas and others. Pieces suitable for this grade. Orchestral practice. Sight reading.

3. Schradieck, (advanced scales and arpeggios), chords. Studies by Alard, Dont, David, Dancila, Kreutzer and others. Compositions by Mozart, De Beriot, Wieniawski, Spohr, Viotti, Godard, etc.

4. David Violin School; Schradieck (scales and chords). Mazas, Alard, Kreutzer, Rhode, Florillo, etc. Composition from the works of Bach, Sarasate, Mendelssohn, Sphor, Paganini, Beethoven, Grieg, and others. Trio and quartette practice. First violin in orchestra and graduation recital. Full theoretical course required. Piano, one year.

Theoretical

1. Elementary theory and harmony. The course includes the training of the ear to recognize scales, intervals and chords, the writing of all major and minor scales, intervals, formation of all forms of triads and work, transposition. Seventh chords; intersions, suspensions, keyboard.

2. Advanced harmony. This course treats of chord relations, figured bases, harmonizing, melodies, suspension, modulation, keyboard work. Harmonic analysis. Original work in simple forms of composition. Elementary counterpoint.

3. Counterpoint. Simple counterpoint; in two, three or more parts; free counterpoint.

4. Canon and Fugue. Analysis of musical forms, classic and modern suite; overture; sonata; symphony; oratorio and opera. Acoustics, instrumentation, arranging.

Pipe Organ

(Piano 5-6 and Harmony required for entrance.)

1. Manual and pedal studies; organ touch; Lemmens, Whiting, Buch and Guilman studies. Compositions by Buck, Bach, Dubois, Lemmens, Wely, Batiste, Best, Guilman and others. Choir and solo accompanying. Organ construction.

2. Rink's Organ School, 4-5. Bach, Guilman, St. Saens, Mendelssohn and Bach Sonatas; Standard organ compositions. Church and concert work. Orchestration and composition.

Ensemble

In this branch of instruction lie indispensable elements of musical culture to be obtained through no other mode of training. It develops the student's ability to play at sight and enables him to acquire a knowledge of musical composition ordinarily inaccessible to the music student. The work will include the reading and playing of compositions for two pianos (concertos, etc.,) piano quartettes, string quartettes and trios, trios for piano, violin and cello accompanying and orchestral work.

Concerts and Recitals

Concerts and Recitals will be given thruout the year by students and Faculty. Students are required to take part in concert work when requested to do so by the instructor. This is a valuable part of one's musical training and the students will be given every possible advantage in this respect.

The department will at all times be pleased to furnish numbers for out-of-town entertainments. Arrangements may be made for entire programs.

Interpretation

The study of interpretation, which gives a creative stimulus to the student, is commenced as soon as the student has sufficient technic to allow of the interpretation of even the smallest compositions. Music is a language, the language of the feelings, of the spiritual, and the ideal in man and it is the object of this class to develop the finer sense of expression.

Ear-Training and Sight-Singing

This is one of the most essential studies for the musical student as it develops his ability to hear correctly and should be taken up as early as possible. The ear is trained to recognize all forms of musical scales, intervals, chords, modulations, metre, rhythm and musical forms, and the student will find the training an invaluable aid to the proper appreciation of musical art.

Rules and Regulations

Tuition is payable strictly in advance for each semester.

Lessons lost on account of student's absence will not be made up, except only in cases of protracted illness.

Special students may enter at any time, but students taking the regular courses must matriculate at the opening of each term.

The rooms for practice purposes are very well adapted for the purpose. They are large, well heated and lighted, and contain good pianos. There are also rooms set aside for the use of violin students.

Pupils are not allowed to accept engagements for public work in either concert or recital without permission of the Faculty.

All students are required to attend all entertainments given by this department.

Pupils of Mr. Wimberley are required to study ear-training and harmony.

DEGREES AND DIPLOMAS CONFERRED

June 1918

DEGREES

Bachelor of Arts

Benedict, Genevieve
 Mathematics and German
 Brown, J. Stewart (in the army)
 Economics and History
 Drury, C. Merrill (in the army)
 Biology and Chemistry
 Ensign, S. J. Russell
 Chemistry and Mathematics
 Marousek, Edmund Lee
 English and Language
 Marten, Ralph L.
 Economics and History
 Mitchell, Florence E.
 Biology and Chemistry

Bachelor of Music

Ensign, S. J. Russell

Doctor of Divinity

Rev. Albert Thutt
 Rev. Gilbert Voorhies

HONORS

SENIOR CLASS HONORS

Magna Cum Laude
 S. J. Russell Ensign
 Edmund Lee Marousek

DIPLOMAS

Two Year Home Economics Course

Fife, Mabel Blanche
Rohwer, Nora Dorothea

Two Year Normal Course

May, Eva Elizabeth

Music Certificates

Ensign, Elizabeth
Leonard, Robena

Academy

Foote, Mary

Commercial Department

Stenographic Course

Bell, Amber
Bennett, Mildred
Breecher, Vella
Carlson, Clara
Castle, Francis
Larson, Guena
Lindsey, Harold
Marshall, Mildred
Miles, Thelma
Miller, Delia
Richardson, Kathleen
Robertson, Annie
Robinson, Lorna
Tweet, Agnes
Whitehead, Rafaela
Whiting, LaRilla
Womack, Blanche

Commercial Course

Totman, William

Combined Course

Richardson, Jennie

Soeth, Myrle

Spar, Herbert

Register of Students

Name	Classification	Address
Aitken, Esther Marie	Senior	Storm Lake
Albert, Floyd	Freshman	Primghar
Allison, Cowles	Freshman	Cherokee
Augustson, George	Freshman	Primghar
Bailey, Wendell	Sophomore	Royal
Ballew, William	Commercial	Storm Lake
Barnes, Forrest	Freshman	Cherokee
Barr, Mary	Commercial	Storm Lake
Baskerville, Lester	Freshman	Fonda
Benson, Ralph	Freshman	Primghar
Boettcher, Eugene	Freshman	Truesdale
Brandvold, Aaron	Special	Rembrandt
Breyfogle, Forrest	Special	Alta
Bristol, Jothan	Special	Marathon
Brown, Earl	Special	Laurens
Brown, Stewart	Post Grad.	Paullina
Buehler, Vernon	Freshman	Odebolt
Burke, Edna	Commercial	Storm Lake
Carlson, Chas. W.	Commercial	Spencer
Carlson, Joseph	Freshman	Odebolt
Carlson, Leonard O.	Commercial	Spencer
Cheney, Julian	Freshman	Newell
*Christensen, Fred	Commercial	Spencer
Christopher, Raymond	Freshman	Storm Lake
Clough, Aura	Commercial	Sioux Rapids
Cole, Ethel	Freshman	Storm Lake
Conlin, Mae	Commercial	Albert City
Cook, Henry	Freshman	Mapleton
Cooke, Mary	Commercial	Storm Lake
Copeland, Franz	Freshman	Nodaway
Cosgrove, Leo	Freshman	Meriden
Cox, Herman	Freshman	Alta
Crouch, Abram	Academy	Creighton, S. D.

*Deceased.

Cunningham, Ann	Commercial	Storm Lake
Dahl, Ned	Freshman	Alta
Deal, Dewey	Junior	Storm Lake
Denison, Louis	Freshman	Battle Creek
DeVries, Stephen	Freshman	Gaza
Dilworth, Martin	Freshman	Fonda
Doan, Clair	Freshman	Webb
Dodge, Marguerite	Sophomore	Sioux Rapids
Dopp, Faber	Freshman	Fort Dodge
Doxsee, Marie	Senior	Storm Lake
Dubois, William	Freshman	Sioux Rapids
Ducommun, Henry	Freshman	Marcus
Dunlap, Kenneth	Special	Jefferson
Edge, Henry	Freshman	Havelock
Edwards, Russell	Special	Storm Lake
Ensign, Russell	Work "In Abt."	Storm Lake
Evans, David	Special	Linn Grove
Evans, Fay	Freshman	Early
Finders, Raymond	Freshman	Lake View
Firth, Arthur	Special	Wall Lake
Foote, Paul	Freshman	Storm Lake
Fountain, Rex	Academy	Linn Grove
Fuhrmeister, Nellie	Senior	Churdan
Gaffin, Ralph	Freshman	Storm Lake
Gaherty, Marguerite	Commercial	Storm Lake
Gardner, Ruth	Commercial	Newell
Geary, Maurice	Freshman	Marathon
Gottschalk, Randall	Freshman	Cherokee
Gregg, Gladys	Commercial	Storm Lake
Grey, Walter	Special	Albert City
Guenther, Cyril	Freshman	Fort Dodge
Gunnarson, Harry	Freshman	Peterson
Hagstrom, Oscar	Commercial	Albert City
*Hahl, George	Commercial	Granville
Hammen, Zeno	Special	Jolley

*Deceased.

Hankey, Winnefred	Academy	Storm Lake
Hansen, Dortha	Special	Lake Park
Haraldson, Floyd	Special	Rembrandt
Harris, Chester	Freshman	Rolfe
Heard, Raymond	Special	Marathon
Heath, Mildred	Sophomore	Newell
Heathman, Elmer	Freshman	Havelock
Heth, Marion	Special	Carnarvon
Higgins, Allen	Freshman	Storm Lake
Hines, Merle	Special	Newell
Hoffman, Opal	Freshman	Storm Lake
Hoien, Iver	Commercial	Ringsted
Hoke, Maude	Freshman	Storm Lake
Hoover, Ethel	Commercial	Storm Lake
Hughes, David	Academy	Storm Lake
Huginin, Willard	Commercial	Spencer
Isakson, Mildred	Commercial	Alta
Jacobson, John R.	Special	Marathon
Jacobson, Ralph A.	Commercial	Larabee
Jardine, Charles	Freshman	Jolley
Jardine, Robt. Ray	Special	Jolley
Jensen, Julian	Freshman	Newell
Johnson, Siegfried	Freshman	Sioux Rapids
Jones, Evan	Freshman	Hospers
Jones, Margaret	Freshman	Lawton
Jones, Raymond	Freshman	Sioux Rapids
Kearney, Clarence	Freshman	Cherokee
Keith, Edna	Commercial	Storm Lake
Kelly, William	Freshman	Fonda
Kepner, Howard	Freshman	Spirit Lake
Kinne, Zoe	Commercial	Storm Lake
Kinney, Fay	Commercial	Early
Knutson, Gerhardt	Special	Newell
Kraemer, Opal	Sophomore	Storm Lake
Lang, Fred	Commercial	Spencer

Larkins, Marie	Commercial	Fonda
Larson, Earl	Commercial	Holstein
Larson, Lambert	Special	Alta
Latta, Marion	Freshman	Sioux Rapids
Leckington, Bessie	Commercial	Storm Lake
Lindlieff, Elwin	Freshman	Alta
Lindsey, Paul	Freshman	Marcus
Littlefield, Max	Sophomore	Cherokee
Luke, Iva	Academy	Sac City
McCarty, Irving	Freshman	Fort Dodge
McDermott, Ella	Freshman	Storm Lake
McDermott, Harry	Freshman	Storm Lake
Madson, Howard	Commercial	Peterson
Marshall, John W.	Freshman	Battle Creek
Mason, Lester	Freshman	Primghar
Matson, Henrik	Special	Alta
May, DeWitt	Freshman	Lake Park
May, Frank	Freshman	Storm Lake
Meighen, Ruth	Senior	Storm Lake
Mernin, Lulu	Commercial	Sulphur Springs
Mernin, Mae	Commercial	Sulphur Springs
Mooney, Leo	Freshman	Fort Dodge
Nelson, Elmer	Sophomore	Spencer
Nelson, Inez	Commercial	Alta
Nicholas, Bessie	Freshman	Lake Park
Nicholas, Karl	Freshman	Lake Park
O'Donoghue, Dorothy	Freshman	Storm Lake
Olin, Carl	Freshman	Cherokee
Olney, Laverne	Freshman	Odebolt
Parry, Eli	Special	Primghar
Peterson, Leonard	Special	Alta
Phipps, Irving	Freshman	Sioux Rapids
Plagman, Herbert	Freshman	Peterson
Porath, Fred	Freshman	Newell
Reese, Arthur	Special	Linn Grove

Reese, Thos. F.	Special	Linn Grove
Reichardt, Wilmer	Freshman	Nodaway
Rice, Basil	Sophomore	Storm Lake
Rice, Beryl	Sophomore	Storm Lake
Roberts, Homer	Freshman	Spencer
Robinson, Lorna	Special	Storm Lake
Robinson, Thos. D.	Special	Wall Lake
Rowe, Mildred	Academy	Storm Lake
Schmitt, Mrs. Gertrude	Commercial	Alta
Schuldt, Lester	Freshman	Storm Lake
Siebens, Norma	Commercial	Storm Lake
Siefkin, Daymond	Commercial	Rembrandt
Sievers, Malinda	Commercial	Storm Lake
Slagle, Lucile	Senior	Storm Lake
Smith, Dorothy	Commercial	Storm Lake
Soeth, Dorothy	Commercial	Storm Lake
Stamper, Clark	Freshman	Danbury
Stedwell, Olive	Freshman	Storm Lake
Strebelow, Mrs. Alta	Commercial	Storm Lake
Swanson, Fred	Sophomore	Spencer
Swanson, Pearl	Freshman	Storm Lake
Swindle, Marian	Commercial	Marcus
Thomas, Mary	Freshman	Storm Lake
Toms, Wayne	Freshman	Fort Dodge
Turner, Harvey	Freshman	Meriden
Van Cleve, Elsie	Commercial	Storm Lake
Van Cleve, Mabel	Commercial	Storm Lake
Van Cleve, Roy	Freshman	Storm Lake
Van Hyning, Stella	Commercial	Storm Lake
Wagner, Lurene	Commercial	Storm Lake
Wahl, Joyce	Junior	Vinton
Waldhelm, Roy	Freshman	Primghar
Waldron, Cecil	Freshman	Rembrandt
Walstead, Clarence	Commercial	Albert City
Warren, Glenn	Freshman	Cherokee
Wellmerling, Jay	Freshman	Storm Lake

Whealen, Harold	Freshman	Storm Lake
White, Donald C.	Sophomore	Storm Lake
Wilkins, Fred	Freshman	Sioux City
Wills, LeRoy	Commercial	Sioux Rapids
Witthauer, Roy	Freshman	Storm Lake
Wooster, John	Freshman	Mapleton

MUSIC DEPARTMENT

Piano

Mrs. Zelma Rowe	Lake Park
Dorthea Hansen	Lake Park
Dorothea Grant	Storm Lake
Mildred Rowe	Storm Lake
Miss Park	Storm Lake
Dorothy O'Donoghue	Storm Lake
Ethel Johnson	Storm Lake
Paul Park	Storm Lake
Helen Bates	Aurelia
Mary Whinnery	Aurelia
Elizabeth Ensign	Storm Lake

Harmony

Mrs. Zelma Rowe	Lake Park
Dorthea Hansen	Lake Park
Dorothea Grant	Storm Lake
Mildred Rowe	Storm Lake
Ethel Johnson	Storm Lake
Dorothy O'Donoghue	Storm Lake
Helen Bates	Aurelia
Mary Whinnery	Aurelia

Voice

Dorthea Hansen	Lake Park
Mrs. De Bates	Alta
Opal Olson	Alta
Miss McLaughlin	Alta
Miss Brown	Alta

Violin

Ralph Carlson	Storm Lake
Ethel Dingman	Aurelia
Mary Diercks	Aurelia

Analysis

Mrs. Zelma Rowe Lake Park

ALUMNI ASSOCIATION

Officers

President, W. M. Storey Storm Lake
 Vice-president, Elsie Ries Bode
 Treasurer, Evelyn Ensign Iowa City
 Secretary, Mabel McLaughlin Canon City, Colo.

1893

Hutchinson, Jennie G., A. B. Monmouth, Ill.

1894-1903

During these years only Junior College work was done.

1896

Aldinger, F. C., Minister, Universalist Lansing, Mich.
 Edson, Willis C., Attorney Storm Lake

1897

Higgs, Thomas J., Attorney Kansas City, Mo.
 Leonard, Frank O., Presbyterian Minister Cuba, N. Y.
 Newton, Homer C., Prof. Univ. of New York City
 New York, N. Y.
 Sohm-Morcombe, Elizabth K., Post Mistress ... Storm Lake

1898

Herron, Ralph, Business Tucson, Ariz.
 Spencer, J. E., Presbyterian Minister Kearney, Nebr.

1899

Bennett, H. Burtis, Agriculture Columbus, Wash.
 Wier, Valentine A., Presbyterian Minister ... Padroni, Colo.
 Whittel-Edson, Ada Storm Lake

1900

McAllister-Tabor, Margaret-----Corpus Christi, Tex.

1901

Smith, Howard L., Presbyterian Minister-----LeMars

1904

Bailie-Edson, Ethelyn, A. B.-----Storm Lake

Garberson, Aura, A. B.-----Storm Lake

King, Agnes, A. B., Teacher Kansas State Normal-----

Emporia, Kas.

McLean, Maggie, A. B.-----Spokane, Wash.

1905

Benjamin, Edward S., A. B., Meth. Epis. Minister-----

Okemah, Okla.

Cummings-Harrison, Margaret A., A. B.-----Storm Lake

Willfong, Charles A., A. B., Business-----Denver, Colo.

Zielman, Clyde, A. B., Attorney-Banker-----Lake View

1906

Garberson-Ross, Rena, A. B.-----Denton, Tex.

James, A. Frank, A. B., Attorney-----Gooding, Idaho

Louthan-Carr, Myrtle, A. B.-----LaFayette, Ind.

Luhmann, Walter Albert, A. B., Business-----Storm Lake

Miller-Wilson, Ethel, A. B.-----Sibley

Parker, Ralph H., A. B., Physician-----Des Moines

Russell, Grace Ella, A. B., Superintendent of Schools-----

Sulphur Springs

Senska, Frank R., A. B., M. D., Physician-----Mt. Pleasant

1907

Balkema, Peter, A. B., Attorney-----Sioux City

King, Grace, A. B.-----Schaller

McEwen, W. Harry, A. D., Attorney-----Regina, Sask.

Paxton, G. Leslie, A. B., Business-----Phoenix, Ariz.

Senska, Nellie May, A. B., High School Teacher-----Sheldon

1908

Luhmann, Mabel Pauline, A. B., High School Teacher _____
 _____ Storm Lake

1909

Eshbaugh, Amy B., A. B., High School Teacher _____ Sheldon
 Foote, Claire I., A. B., Army Y. M. C. A. _____ Camp Wadsworth
 Hanson, Victor, A. B., Foreign Missionary _____ China
 May, Hugh J., A. B., Minister _____ Iron Mountain, Mich.

1910

Fracker, Stanley B., A. B., A. M., Ph. D., Acting State
 Entomologist _____ Madison, Wis.
 Hawkins-Barnes, Maude E., A. B. _____ Garden Grove, Calif.
 Mattison, Ray H., A. B., _____ Amer. E. F., France
 Meighen, Loretta C., A. B., High School Teacher _____
 _____ Portersville, Cal.
 Perkins-Mattison, Carrie J., A. B., High School Teacher _____
 _____ McCammon, Idaho
 Youde, Harold L., A. B., Agriculture _____ Sutherland

1911

Allen-Smith, Lillie, A. B., High School Teacher _____ Carson
 Brown, Kathryn, A. B. _____ Storm Lake
 Foster-Balkema, Oma, A. B. _____ Sioux City
 Fracker, Annie, A. B. _____ Storm Lake
 McLaughlin, Mabel, A. B., High School Teacher _____
 _____ Canon City, Colo.
 Parker-Fracker, Grace, A. B. _____ Madison, Wis.
 Ross, Felix B., A. B., A. M., College Teacher _____ Denton, Texas
 Unger-Kistle, Louise, A. B. _____ Storm Lake

1912

Crouch, Elsie, A. B., High School Teacher _____ Guthrie Center
 Crouch, Lieut. Lloyd, A. B., 163d Depot Brigade _____ Camp Dodge
 Dwinell, L. A., A. B., Attorney _____ Sibley
 Gregg, Bernice, A. B., Y. W. C. A. Sec'y _____ Minneapolis, Minn.

Jones, Roy E., A. B., Presbyterian Minister_____Larrabee
 Marcum, Edna, A. B., High School Teacher_____Rolfe
 Price, Gladys, A. B., High School Teacher_____Creston
 Ries, Elsie, A. B., High School Teacher_____Bode
 Rust, E. C., A. B., Medical Corps, American Army of
 Occupation _____Treves, Germany
 Storey, W. M., D. D. S., A. B., Dentist_____Storm Lake
 Unger, Lieut. Charles, A. B., Student_____Ames
 West-Dwinell, Hazel, A. B._____Sibley

1913

Carlton, Murl C., A. B., Business_____Early
 Fuhrmeister, C. G., A. B., Agriculture_____Churdan
 Harper, George Fahs, A. B., Business_____Storm Lake
 Mereness, Carol Dell, A. D._____Winnebago, Minnesota
 Lindsey, Jesse L., A. B., Business_____Jefferson
 Perkins, Adrian W., A. B., Business_____Jefferson
 Smith, Elleroy, A. B., Missionary_____Shanghai, China
 White, R. E., A. B., Law Student Iowa State University_____
 _____Iowa City

1914

Crouch, Lieut. J. Emmons, A. B._____U. S. A. Amer. E. F.
 Gregg, Dorothy, A. B., Gov't Service_____Washington, D. C.
 Kattleson, Luella, A. B., High School Teacher_____Waukee
 White, Zeno Z., A. B., Business_____Storm Lake

1915

Chapman, Oliver Wendell, A. B., Explosive operator over
 seven plants in the East_____Government Service
 Benthin, Walter O., A. B., Presbyterian Minister_____Portland, Oregon
 Ensign, Evelyn, A. B., Graduate Student S. U. I.____Iowa City
 Plummer-Ranton, Mabel, A. B._____Seattle, Wash.
 Smith, Elden W., A. B., O. T. C._____Camp Zachary Taylor
 Thomas-Wessling, Cora, A. B._____Lytton

1916

Aitken, Agnes, A. B., High School Teacher	Stratford
Crowley, Justice, A. B., U. S. A.	Amer. E. F.
Keith, Marjory, A. B.	Storm Lake
Lindsey-Sohm, Irene, A. B.	Adaza
Lyman, Catherine, A. B., High School Teacher	
	Ellendale, N. Dak.
Mitchell-Benthin, Ada, A. B.	Portland, Ore.
Reidesel-Hood, Beatrice, A. B., Teacher New Jersey Academy	Logan, Utah
Shaull, Kenneth, A. B., Business	Storm Lake
Sohm, Capt. Joseph, A. B.	Adaza

1917

Claus, Harley H., A. B.	Amer. E. F., France
Crouch, Edward G., A. B., Teacher	Creighton, S. Dak.
Harper, Shirley E., A. B.	Deceased
Perkins-Claus, Marjorie, A. B.	Sioux Rapids
Sherman, Lillian A., High School Teacher	
	Chamberlain, S. Dak.
Van Cleve-Hanson, Amy E., A. B.	Alta
Holmes-Myers, Ada, A. B.	Storm Lake

1918

Benedict, Genevieve, A. B., High School Teacher	Geneva
Brown, Lieut. J. Stewart, A. B., Recreational work, Red Cross	Ft. Des Moines
Drury, C. Merrill, A. B., Communication department, Red Cross	Ft. Des Moines
Ensign, S. J. Russell, A. B., High School Teacher	
	Greenville
Marousek, Edmund L., A. B., Princeton Seminary,	
	Princeton, N. J.
Marten, Ralph, A. B., U. S. Hospital	Denver, Colo.
Mitchell, Florence E., A. B., Good Samaritan Hospital	
	Los Angeles, Calif.

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